



This is a digital copy of a book that was preserved for generations on library shelves before it was carefully scanned by Google as part of a project to make the world's books discoverable online.

It has survived long enough for the copyright to expire and the book to enter the public domain. A public domain book is one that was never subject to copyright or whose legal copyright term has expired. Whether a book is in the public domain may vary country to country. Public domain books are our gateways to the past, representing a wealth of history, culture and knowledge that's often difficult to discover.

Marks, notations and other marginalia present in the original volume will appear in this file - a reminder of this book's long journey from the publisher to a library and finally to you.

Usage guidelines

Google is proud to partner with libraries to digitize public domain materials and make them widely accessible. Public domain books belong to the public and we are merely their custodians. Nevertheless, this work is expensive, so in order to keep providing this resource, we have taken steps to prevent abuse by commercial parties, including placing technical restrictions on automated querying.

We also ask that you:

- + *Make non-commercial use of the files* We designed Google Book Search for use by individuals, and we request that you use these files for personal, non-commercial purposes.
- + *Refrain from automated querying* Do not send automated queries of any sort to Google's system: If you are conducting research on machine translation, optical character recognition or other areas where access to a large amount of text is helpful, please contact us. We encourage the use of public domain materials for these purposes and may be able to help.
- + *Maintain attribution* The Google "watermark" you see on each file is essential for informing people about this project and helping them find additional materials through Google Book Search. Please do not remove it.
- + *Keep it legal* Whatever your use, remember that you are responsible for ensuring that what you are doing is legal. Do not assume that just because we believe a book is in the public domain for users in the United States, that the work is also in the public domain for users in other countries. Whether a book is still in copyright varies from country to country, and we can't offer guidance on whether any specific use of any specific book is allowed. Please do not assume that a book's appearance in Google Book Search means it can be used in any manner anywhere in the world. Copyright infringement liability can be quite severe.

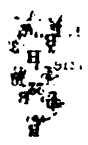
About Google Book Search

Google's mission is to organize the world's information and to make it universally accessible and useful. Google Book Search helps readers discover the world's books while helping authors and publishers reach new audiences. You can search through the full text of this book on the web at <http://books.google.com/>

L. S.
G.
A.
S.
P.
L.

n Hall, 12
all, 1876.
s Block.
House, 18
rward Co
1882

EME



LD
2121

THE
47063
HARVARD UNIVERSITY
CATALOGUE

1894-95



CAMBRIDGE
Published by the University
1894



During the years in which Mr. FRANK BOLLES was Secretary of Harvard University he helped many Harvard men to positions, thereby serving also many employers seeking competent assistants. His work in this direction will be continued, and coöperation in it is asked of all interested in Harvard University. It is hoped that employers of teachers, and employers of assistants in business or in work suitable for graduates or undergraduates, will turn to the University for help in finding the men they want; and it is hoped that all graduates of Harvard desirous of obtaining other positions than those they hold will also turn to the University. No fees are charged. Communications should be addressed to the *Secretary of Harvard University*.

HARVARD UNIVERSITY,
CAMBRIDGE, MASS., December, 1894.

CONTENTS.

	Page
CALENDAR	9-11
ADMINISTRATIVE OFFICERS	12-14
GOVERNMENT OF THE UNIVERSITY	15-53
Historical Sketch of the Foundation of the College, and its Governing Boards, and the Acts of the General Court in relation thereto	15-28
Statutes of the University	29-33
Corporation and Overseers	34, 35
Officers of Instruction and Government	36-53
Other Officers	53
Departments of the University	54
I. FACULTY OF ARTS AND SCIENCES	55-384
Faculty	55-57
Other Instructors and Assistants	57-59
Divisions and Departments	60, 61
Standing Committees	62
Parietal Board	63
Courses of Instruction	64-127
Groups for the Mid-year and Final Examinations	126, 127
Tabular View	128-131
Lectures, Evening Readings, etc.	132-142
Prizes	143, 150
Bowdoin Prize Dissertations	143
The Dante Prize	145
The Sargent Prize	146
The George B. Sohler Prize	147
The Paine Prizes	147
The Toppan Prize	148
The Sumner Prize	149
The Sales Prize	149
The Bennett Prize	150
1. HARVARD COLLEGE	151-246
Administrative Board	151
Students	151-194

CONTENTS.

Admission	195-211
Testimonials, Certificates, Notice	188
Admission to the Freshman Class	196-203
Division of the Examination	203, 204
Optional Examinations, Anticipation	205, 206
Prescribed Studies of the Freshman Year	206
Admission to Advanced Standing	206, 207
Times and Places of Examination	208-210
Admission of Special Students	211
Registration	211
College Studies	212-217
Studies of Undergraduates	212-214
Freshman Year	212, 213
Advisers	213
Sophomore, Junior, and Senior Years	213
Additional Studies	213, 214
Studies of Special Students	214
Choice of College Studies	215
Scales of Scholarship	216
Degree of Bachelor of Arts	216, 217
Honors	218-225
Second-Year Honors	218, 219
Honors at Graduation	219-224
Honorable Mention at Graduation	224, 225
Prizes	226
Deturs	226
Boylston Prizes for Elocution	226
Pecuniary Aid (Scholarships, &c.)	227-239
Expenses	240-246
Tuition-Fees of Special Students	241
Bonds. — College Bills	241, 242
Assignment of College Rooms	242-244
Prices of College Rooms	245, 246
2. LAWRENCE SCIENTIFIC SCHOOL	247-292
Administrative Board	247
Students	247-256
Admission	257-265
Times and places of Examinations	262-264
Advanced Standing and Special Students	264-265
Form of Application—Registration	265
Departments of Study	266-288
Engineering	266-275
Architecture	276, 277

Chemistry	277, 278
Geology	279, 280
Botany and Zoölogy	281, 282
General Science	282, 283
Science for Teachers	284-286
Anatomy, Physiology, and Physical Training	286-288
Reduction of Course to Three Years	289
Instruction in other Departments	289
Degrees. — Honors	289
Scholarships, Fellowships, etc.	289, 290
Fees and Expenses. — Bonds	290, 292
3. GRADUATE SCHOOL	293-334
Administrative Board	293
Resident Students	293-308
Non-Resident Students	308, 309
Admission	310
Residence, Registration, and Report	311, 312
Studies	312, 313
Libraries. — Museums. — Conferences. — Publications	314-318
Degrees	318-323
Fellowships and Scholarships	323-331
Prizes	331, 332
Fees, Bonds, and Expenses	332-334
II. DIVINITY SCHOOL	335-349
Faculty and other Instructors	335
Students	335-338
Courses of Instruction	339-342
Degrees	343
Admission	344
Scholarships and other Pecuniary Aid	344-346
Expenses and Bonds	346-348
Tabular View	349
III. LAW SCHOOL	350-378
Faculty	350
Students	350-366
Course of Instruction	367, 368
Instruction in other Departments	369
Admission. — Examinations	369-371
Degrees	371, 372
Pecuniary Aid	373
Fees, Expenses, and Bonds	373, 374
Admission after the Academic year 1895-96	375-377
Tabular View	378

CONTENTS.

MEDICAL SCHOOL	379-429
Faculty and other Instructors	379-381
Standing Committees	381, 382
Students	383-396
Requirements for Admission. — Division of Studies	397-400
Methods of Instruction. — Text-books	400-408
Courses of Instruction. — Clinical Advantages	408-414
Examinations. — Division of Students	415-417
Libraries. — Requirements for the Degree	417, 418
Anatomical Prize. — Otology Prize	418, 419
Pecuniary Aid. — Fees and Expenses	419-421
Courses of Study for Graduates	421
Schedule of Courses	426
Summer Courses	427
BOYLSTON MEDICAL PRIZES	428, 429
V. DENTAL SCHOOL	430-450
Faculty and other Instructors. — Students	430-434
Admission	436
Course and Methods of Instruction. — Text-books	437-443
Clinical Advantages. — Libraries	443-444
Examinations. — Division of Students	445
Degree. — Fees and Expenses	446, 447
Tabular View	448-450
VI. SCHOOL OF VETERINARY MEDICINE	451-464
Faculty and other Instructors. — Students	451-453
Division of Studies	454
Methods of Instruction. — Text-books	454-457
Courses of Instruction	457-459
Veterinary Establishment	459, 460
Examinations. — Division of Students	460, 461
Instruction in other Departments. — Libraries	461, 462
Admission. — Degree	462, 463
Pecuniary Aid. — Fees and Bonds	463, 464
VII. BUSSEY INSTITUTION	465-471
Instructors. — Students	465
Instruction. — Libraries	466-469
Requirements for Admission and Graduation	469, 470
Bond or Deposit. — Fees and Expenses	470, 471
SUMMER COURSES OF INSTRUCTION	472-507
English. — Anglo-Saxon	473-475
German. — French	475-477

History and Art of Teaching	477
Psychology	478-480
Mathematics	480-482
Engineering	482-484
Physics. — Chemistry	484-492
Botany. — Geology	492-496
Physical Training	496-501
Courses in the Medical School	501-507
EXAMINATIONS FOR WOMEN	508-510
SCHOOLS EXAMINATION BOARD	511, 512
UNIVERSITY CHAPEL	513, 514
UNIVERSITY LIBRARY	515-518
CHEMICAL LABORATORY	519, 520
JEFFERSON PHYSICAL LABORATORY	521, 522
UNIVERSITY MUSEUM	523-530
MUSEUM OF COMPARATIVE ZOOLOGY	523, 526
BOTANICAL MUSEUM	527
MINERALOGICAL MUSEUM	528
PEABODY MUSEUM OF AMERICAN ARCHAEOLOGY AND ETHNOLOGY	529, 530
SEMITIC MUSEUM	531
BOTANIC GARDEN AND HERBARIUM	532
ASTRONOMICAL OBSERVATORY	533, 534
ARNOLD ARBORETUM	535
UNIVERSITY FACILITIES FOR EXERCISE, PHYSICAL TRAIN- ING, AND ATHLETIC SPORTS	536-539
COMMITTEES APPOINTED BY THE OVERSEERS	540-542
DEGREE, HONOR, SCHOLARSHIP AND PRIZE LISTS	543-574
Degrees	543-558
Commencement Parts	558-560
Final Honors	560, 561
Honorable Mention	561-565
Second-Year Honors	565, 566
Holders of Fellowships and Scholarships	566-572
Awards of Prizes. — Deturs	572-574
GENERAL SUMMARY	575-577
DIRECTORY OF OFFICERS AND STUDENTS	578-618
INDEX	619-623

1894.							1895.						
JULY.							JANUARY.						
Su	Mo	Tu	W	Th	Fr	Sa	Su	Mo	Tu	W	Th	Fr	Sa
1	2	3	4	5	6	7	--	--	1	2	3	4	5
8	9	10	11	12	13	14	6	7	8	9	10	11	12
15	16	17	18	19	20	21	13	14	15	16	17	18	19
22	23	24	25	26	27	28	20	21	22	23	24	25	26
29	30	31	--	--	--	--	27	28	29	30	31	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--	--
AUGUST.							FEBRUARY.						
--	--	--	1	2	3	4	--	--	--	--	1	2	3
5	6	7	8	9	10	11	3	4	5	6	7	8	9
12	13	14	15	16	17	18	10	11	12	13	14	15	16
19	20	21	22	23	24	25	17	18	19	20	21	22	23
26	27	28	29	30	31	--	24	25	26	27	28	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEPTEMBER.							MARCH.						
--	--	--	--	--	--	1	--	--	--	--	1	2	3
2	3	4	5	6	7	8	3	4	5	6	7	8	9
9	10	11	12	13	14	15	10	11	12	13	14	15	16
16	17	18	19	20	21	22	17	18	19	20	21	22	23
23	24	25	26	27	28	29	24	25	26	27	28	29	30
30	--	--	--	--	--	--	31	--	--	--	--	--	--
OCTOBER.							APRIL.						
--	1	2	3	4	5	6	--	1	2	3	4	5	6
7	8	9	10	11	12	13	7	8	9	10	11	12	13
14	15	16	17	18	19	20	14	15	16	17	18	19	20
21	22	23	24	25	26	27	21	22	23	24	25	26	27
28	29	30	31	--	--	--	28	29	30	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--	--
NOVEMBER.							MAY.						
--	--	--	--	1	2	3	--	--	--	1	2	3	4
4	5	6	7	8	9	10	5	6	7	8	9	10	11
11	12	13	14	15	16	17	12	13	14	15	16	17	18
18	19	20	21	22	23	24	19	20	21	22	23	24	25
25	26	27	28	29	30	--	26	27	28	29	30	31	--
--	--	--	--	--	--	--	--	--	--	--	--	--	--
DECEMBER.							JUNE.						
--	--	--	--	--	--	1	--	--	--	--	--	1	2
2	3	4	5	6	7	8	2	3	4	5	6	7	8
9	10	11	12	13	14	15	9	10	11	12	13	14	15
16	17	18	19	20	21	22	16	17	18	19	20	21	22
23	24	25	26	27	28	29	23	24	25	26	27	28	29
30	31	--	--	--	--	--	30	--	--	--	--	--	--
JULY.							AUGUST.						
Su	Mo	Tu	W	Th	Fr	Sa	Su	Mo	Tu	W	Th	Fr	Sa
--	1	2	3	4	5	6	--	--	--	--	--	--	--
7	8	9	10	11	12	13	4	5	6	7	8	9	10
14	15	16	17	18	19	20	11	12	13	14	15	16	17
21	22	23	24	25	26	27	18	19	20	21	22	23	24
28	29	30	31	--	--	--	25	26	27	28	29	30	31
--	--	--	--	--	--	--	--	--	--	--	--	--	--
SEPTEMBER.							OCTOBER.						
--	--	--	--	--	--	1	--	--	--	--	--	--	--
2	3	4	5	6	7	8	6	7	8	9	10	11	12
9	10	11	12	13	14	15	13	14	15	16	17	18	19
16	17	18	19	20	21	22	20	21	22	23	24	25	26
23	24	25	26	27	28	29	27	28	29	30	31	--	--
30	--	--	--	--	--	--	--	--	--	--	--	--	--
NOVEMBER.							NOVEMBER.						
--	--	--	--	--	--	1	--	--	--	--	--	--	--
4	5	6	7	8	9	10	3	4	5	6	7	8	9
11	12	13	14	15	16	17	10	11	12	13	14	15	16
18	19	20	21	22	23	24	17	18	19	20	21	22	23
25	26	27	28	29	30	--	24	25	26	27	28	29	30
--	--	--	--	--	--	--	--	--	--	--	--	--	--
DECEMBER.							DECEMBER.						
--	--	--	--	--	--	1	--	--	--	--	--	--	--
2	3	4	5	6	7	8	1	2	3	4	5	6	7
9	10	11	12	13	14	15	8	9	10	11	12	13	14
16	17	18	19	20	21	22	15	16	17	18	19	20	21
23	24	25	26	27	28	29	22	23	24	25	26	27	28
30	31	--	--	--	--	--	29	30	31	--	--	--	--

CALENDAR.

The meetings of the PRESIDENT AND FELLOWS are held on the second and on the last Monday of every month.

1894.

- | | |
|---|---|
| <i>Sept. 24, Monday.</i> | Examinations for admission to the Medical and Dental Schools. |
| <i>Sept. 27, Thursday.</i> | Academic Year begins in all departments of the University. |
| <i>Sept. 27, Thursday.</i> | Examinations for admission to the Law School. |
| <i>Sept. 27, 28, Thursday and Friday.</i> | Examinations for admission to advanced standing in the Law School. |
| <i>Oct. 10, Wednesday.</i> | Stated Meeting of the Board of Overseers. |
| <i>Oct. 31, Wednesday.</i> | Last day for receiving applications of Candidates for Final Honors in 1895. |
| <i>Oct. 31, Wednesday.</i> | Last day for receiving dissertations for the Bowdoin Prize. |
| <i>Nov. 29, Thursday.</i> | Thanksgiving day; a holiday. |
| <i>Nov. 30, Friday.</i> | Last day for receiving applications for the Cheever (Medical) Scholarship. |
| <i>Dec. 1, Saturday.</i> | Last day for receiving applications for aid from the Loan Fund. |
| <i>Dec. 15, Saturday.</i> | Last day for receiving from first-year Students applications for Price Greenleaf Aid. |

RECESS FROM DEC. 23, 1894, TO JAN. 2, 1895, INCLUSIVE.

1895.

- | | |
|----------------------------|--|
| <i>Jan. 9, Wednesday.</i> | Stated Meeting of the Board of Overseers. |
| <i>Jan. 31, Thursday.</i> | Second half-year begins in the Medical School. |
| <i>Feb. 11, Monday.</i> | Second half-year begins (except in the Medical School). |
| <i>Feb. 22, Friday.</i> | Washington's Birthday; a holiday. |
| <i>March 1, Friday.</i> | Last day for receiving applications of candidates for Final Honors in Natural History in 1896. |
| <i>March 30, Saturday.</i> | Last day for receiving applications for all Graduate Fellowships and Scholarships, and for College Scholarships to be assigned to Graduate Students. |

- March 30, Saturday.* Last day for re-engaging College Rooms for 1895-96.
- March 30, Saturday.* Last day for receiving applications of candidates for Second-Year Honors.
- April 3, Wednesday.* Last day for receiving dissertations for the Boylston Medical Prizes.
- April 10, Wednesday.* Stated Meeting of the Board of Overseers.

RECESS FROM APRIL 14 TO APRIL 20, INCLUSIVE.

- April 24, Wednesday.* Last day for receiving names of competitors for the Boylston Prizes for Elocution.
- April 30, Tuesday.* Applications from Graduate Students for admission to examination for any degree should be made on or before this date.
- May 1, Wednesday.* Last day for receiving from persons intending to enter College applications for Price Greenleaf Aid for 1895-96.
- May 1, Wednesday.* Last day for receiving dissertations for the Dante, Sargent, Paine, Toppan, Sumner, Sales, and Bennett Prizes.
- May 1, Wednesday.* Last day for receiving theses of Candidates for the degree of Ph.D. or S.D.
- May 2, Thursday.* Last day for receiving applications for College Rooms for 1895-96.
- May 4, Saturday.* Assignment of College Rooms for 1895-96.
- May 9, Thursday.* Speaking for the Boylston Prizes.
- May 29, Wednesday.* Last day for receiving from undergraduates applications for College Scholarships, and for Price Greenleaf Aid for 1895-96.
- May 29, Wednesday.* Last day for receiving from Medical undergraduates, applications for Scholarships for 1895-96.
- May 30, Thursday.* Memorial Day; a holiday.
- June 3, Monday.* Examinations in the Dental School begin.
- June 5, Wednesday.* Examinations in the Medical School begin.
- June 21, Friday.* Seniors' Class Day.
- June 25, Tuesday.* Examinations for admission to the Veterinary School.
- June 25, 27, 28, 29, Tuesday to Saturday.* Examinations for admission to Harvard College, and to the Lawrence Scientific School.
- June 26, Wednesday.* Commencement. Stated Meeting of the Board of Overseers.

**SUMMER VACATION OF THIRTEEN WEEKS, FROM COMMENCEMENT DAY
TO SEPTEMBER 26.**

<i>June 27, Thursday.</i>	Examinations for admission to the Law and Medical Schools.
<i>July 3, Wednesday.</i>	Summer School opens.
<i>Sept. 19, 20, 21, 23, Thursday to Monday.</i>	Examinations for admission to Harvard College, and to the Lawrence Scientific School.
<i>Sept. 23, Monday.</i>	Examinations for admission to the Medical School.
<i>Sept. 23, Monday.</i>	Examinations in the Medical School begin.
<i>Sept. 23, Monday.</i>	Examinations for admission to the Dental School.
<i>Sept. 23, Monday.</i>	Examinations in the Dental School begin.
<i>Sept. 24, Tuesday.</i>	Examinations for admission to the Veterinary School.
<i>Sept. 25, Wednesday.</i>	Annual Meeting of the Board of Overseers.
<i>Sept. 26, Thursday.</i>	Academic Year begins in all departments of the University.
<i>Sept. 26, Thursday.</i>	Examinations for admission to the Law School.
<i>Sept. 26, 27, Thursday and Friday.</i>	Examinations for admission to advanced standing in the Law School.
<i>Oct. 9, Wednesday.</i>	Stated Meeting of the Board of Overseers.
<i>Oct. 31, Thursday.</i>	Last day for receiving applications of candidates for Final Honors in 1896.
<i>Oct. 31, Thursday.</i>	Last day for receiving dissertations for the Bowdoin Prize.
<i>Nov. 28, Thursday.</i>	Thanksgiving day; a holiday.
<i>Nov. 30, Saturday.</i>	Last day for receiving applications for aid from the Loan Fund.

ADMINISTRATIVE OFFICERS.

THE UNIVERSITY.

President: CHARLES W. ELIOT, LL.D.

Office, 5 University Hall, Cambridge.

Treasurer: EDWARD W. HOOPER, A.B., LL.B.

Deputy Treasurer: ALLEN DANFORTH, A.M.

The office of the Corporation (and Treasurer and Deputy Treasurer)
is at 50 State St., Boston. Office hours, 10 a.m. to 2 p.m.

Secretary: — — —.

Assistant Secretary: RICHARD COBB, A.B.

Office, 5 University Hall, Cambridge. Office hours, 9 a.m. to 4 p.m.
(from Aug. 1 to Sept. 15, 9 a.m. to 1 p.m.); Saturdays, 9 a.m.
to 12 m.

Bursar: CHARLES F. MASON, A.B.

Office, Wadsworth House, Cambridge. Office hours, 9 a.m. to 1 p.m.

THE FACULTIES, THE COLLEGE, AND THE PROFESSIONAL SCHOOLS.

Dean of the Faculty of Arts and Sciences: CHARLES F. DUNBAR, LL.D.

Office, 10 University Hall, Cambridge. Office hours, Wednesday
and Friday, 10 a.m. to 12 m.

Dean of Harvard College: LE BARON R. BRIGGS, A.M.

Office, 5 University Hall, Cambridge. Office hours, Monday, Tuesday,
and Friday, 10 a.m. to 12.30 p.m.

Regent of Harvard College: GEORGE A. BARTLETT, A.M.

Office 5 University Hall.

Dean of the Lawrence Scientific School: NATHANIEL S. SHALER, S.D.

Office, 1 Museum.

Dean of the Graduate School: J. M. PEIRCE, A.M.

Office, 10 University Hall, Cambridge. Office hours, Tuesday,
10 a.m. to 12 m.

Dean of the Divinity Faculty: C. C. EVERETT, D.D., LL.D.

Office, 1 Divinity Library.

- Secretary of the Divinity Faculty*: ROBERT S. MORISON, A.M., D.B.
Office, Divinity Library. Office hours, Daily, 9 a.m. to 1 p.m.
- Dean of the Law Faculty*: C. C. LANGDELL, LL.D.
Office, Austin Hall, Cambridge.
- Dean of the Medical Faculty*: WILLIAM L. RICHARDSON, A.M., M.D.
Office at the Harvard Medical School, corner of Boylston and Exeter Streets, Boston. Office hours, Tuesday and Friday, 12.15 to 1 p.m.
- Secretary of the Medical Faculty*: CHARLES P. WORCESTER, A.B., M.D.
Office at the Harvard Medical School, corner of Boylston and Exeter Streets, Boston. Office hours, Monday and Wednesday, 2 to 3 p.m.
- Dean of the Dental Faculty*: THOMAS H. CHANDLER, A.M., D.M.D.
The Dental School is on North Grove Street, Boston. The office of the Dean is at 161 Newbury Street, Boston. Office hours, 9 a.m. to 4 p.m.
- Dean of the School of Veterinary Medicine*: CHARLES P. LYMAN, F.R.C.V.S.
Office at the Veterinary Hospital, 60 Village Street, Boston.
- Dean of the Bussey Institution*: FRANCIS H. STORER, S.B., A.M.
The Bussey Institution is in Jamaica Plain. The nearest railway and telegraph station is Forest Hills, on the Boston and Providence Railroad.
-

COLLECTIONS AND LABORATORIES.

- Librarian of the University*: JUSTIN WINSOR, LL.D.
Office, Gore Hall, Cambridge.
- Librarian of the Divinity School*: ROBERT S. MORISON, A.M., B.D.
Office, Divinity Library,
- Librarian of the Law School*: JOHN H. ARNOLD.
Office, Austin Hall, Cambridge.
- Curator of the Warren Anatomical Museum*: WILLIAM F. WHITNEY, M.D.
- Curator of the Dental Museum*: W. E. BOARDMAN, D.M.D.
- Surgeon in charge of Veterinary Hospital*: GEORGE B. FOSS, M.D.V.
- Curator of the Veterinary Museum*: W. L. LABAW, D.V.S.
- Superintendent of the Bussey Farm*: EDMUND HERSEY.
The post office address of the Farm Superintendent is Roslindale.
- Director of the Chemical Laboratory*: H. B. HILL, A.M.
The Chemical Laboratory is in Boylston Hall, Cambridge.

Director of the Jefferson Physical Laboratory: JOHN TROWBRIDGE, S.D.

The Jefferson Physical Laboratory is on Holmes Field, Cambridge.

Director and Curator of the Museum of Comparative Zoölogy: ALEX. ACASSIZ, LL.D.

In charge of the Botanical Museum: G. L. GOODALE, M.D., LL.D.

The Botanical Laboratories are in the same building.

Curator of the Semitic Museum: DAVID G. LYON, PH.D.

Curator of the Peabody Museum of Archaeology and Ethnology: FREDERICK W. PUTNAM, A.M., S.D.

The Museums are on Oxford Street and Divinity Avenue, Cambridge.

Curator of the Herbarium: B. L. ROBINSON, PH.D.

Director of the Botanic Garden: GEORGE L. GOODALE, M.D., LL.D.

The Herbarium and Botanic Garden are at the corner of Garden and Linnaean Streets, Cambridge.

Director of the Astronomical Observatory: E. C. PICKERING, LL.D.

The Observatory is at the corner of Garden and Bond Streets, Cambridge.

Director of the Arnold Arboretum: CHARLES S. SARGENT, A.B.

The Arnold Arboretum is in Jamaica Plain. The nearest railway and telegraph station is Forest Hills, on the Boston and Providence Railroad.

THE GOVERNMENT OF THE UNIVERSITY.

HARVARD COLLEGE was founded in 1636, by a vote passed at an adjourned meeting (October 28, Old Style) of the General Court of the Colony of Massachusetts Bay which convened on September 8th of that year.

The language of the vote was as follows : —

“The Court agree to give Four Hundred Pounds towards a *School* or *College*, whereof Two Hundred Pounds shall be paid the next year, and Two Hundred Pounds when the work is finished, and the next Court to appoint where and what building.”

The ensuing year (1637) the General Court appointed twelve of the most eminent men of the colony (among whom were John Cotton and John Winthrop) “to take order for a college at Newtown.” The name, “Newtown,” was soon afterwards changed by the General Court to *Cambridge*, in recognition of the English University where many of the colonists had been educated.

The following year (1638) John Harvard, a non-conforming clergyman of England, who had been in the colony about one year, died at Charlestown, leaving half of his whole property and his entire library (about 800 volumes) to the institution. The value of this bequest was more than double the entire sum originally voted by the Court, and it was resolved to open the College at once, and to give it the name of *Harvard*. The first class was formed in the same year.

In 1642, during the administration of the first President, Henry Dunster, the general government of the College and the management of its funds were placed in the hands of a *Board of Overseers* established and empowered by the following Act of the General Court : —

“THE ACT

“ESTABLISHING THE OVERSEERS OF HARVARD COLLEGE.

“At a General Court held at Boston on the 8th of September, in the Year 1642.

“WHEREAS, through the good hand of God upon us, there is a College founded in Cambridge, in the county of Middlesex, called HARVARD COLLEGE, for the encouragement whereof this Court has given the sum of four hundred pounds, and also the revenue of the ferry betwixt Charlestown and Boston, and that the well ordering and managing of the said College is of great concernment, —

"It is therefore ordered by this Court and the authority thereof, that the Governor and Deputy-Governor for the time being, and all the magistrates of this jurisdiction, together with the teaching elders of the six next adjoining towns, — viz. Cambridge, Watertown, Charlestown, Boston, Roxbury, and Dorchester, — and the President of the said College for the time being, shall, from time to time, have full power and authority to make and establish all such orders, statutes, and constitutions as they shall see necessary for the instituting, guiding, and furthering of the said College and the several members thereof, from time to time, in piety, morality, and learning; as also to dispose, order, and manage, to the use and behoof of the said College and the members thereof, all gifts, legacies, bequeaths, revenues, lands, and donations, as either have been, are, or shall be conferred, bestowed, or any ways shall fall or come to the said College.

"And whereas it may come to pass that many of the said magistrates and elders may be absent, or otherwise employed in other weighty affairs, when the said College may need their present help and counsel, — it is therefore ordered, that the greater number of magistrates and elders which shall be present, with the President, shall have the power of the whole. *Provided*, that if any constitution, order, or orders, by them made, shall be found hurtful unto the said College, or the members thereof, or to the weal public, then, upon appeal of the party or parties grieved unto the company of Overseers first mentioned, they shall repeal the said order or orders, if they shall see cause, at their next meeting, or stand accountable thereof to the next General Court." *

The Board of Overseers appears to have been found too large a body to have the immediate direction of the College, and in 1650, through the efforts of President Dunster and others, a charter was granted to the College by the General Court, by which the College was made a *Corporation*, consisting of the President, five Fellows, and a Treasurer, or Bursar, to have perpetual succession by the election of members to supply vacancies, and to be called by the name of the *President and Fellows of Harvard College*. The powers conferred by this Act were accompanied with a provision which required that all Orders and By-Laws of the Corporation should have the consent of the Overseers before they went into operation. This provision was found inconvenient and embarrassing in practice, and in 1657 a law was passed, called "An Appendix to the College Charter," by which the acts of the Corporation were declared to have immediate force and effect, and to be merely "alterable" by the Overseers, to whom the Corporation was to be "responsible."

* This Act is copied from "The General Laws of the Massachusetts Colony, revised and published by order of the General Court in October, 1658"; which was the second edition of the Laws of the Colony, and was printed in 1660. It varies slightly in phraseology from the Act contained in the Records of the General Court, Vol. II. page 24.

The text of the College Charter, and of the Appendix to the same, is as follows: —

“THE CHARTER

OF THE PRESIDENT AND FELLOWS OF HARVARD COLLEGE, UNDER THE SEAL OF THE COLONY OF MASSACHUSETTS BAY, AND BEARING DATE MAY 31, A.D. 1650.

“Whereas, through the good hand of God, many well-devoted persons have been, and daily are, moved and stirred up to give and bestow sundry gifts, legacies, lands, and revenues, for the advancement of all good literature, arts, and sciences, in HARVARD COLLEGE, in Cambridge, in the county of Middlesex, and to the maintenance of the President and Fellows, and for all accommodations of buildings, and all other necessary provisions that may conduce to the education of the English and Indian youth of this country in knowledge and godliness, —

“It it therefore ordered and enacted by this Court and the authority thereof, that for the furthering of so good a work, and for the purposes aforesaid, from henceforth that the said College in Cambridge, in Middlesex, in New England, shall be a Corporation, consisting of seven persons, to wit, a President, five Fellows, and a Treasurer or Bursar; and that HENRY DUNSTER shall be the first President, SAMUEL MATHER, SAMUEL DANFORTH, Masters of Art, JONATHAN MITCHELL, COMFORT STARR, and SAMUEL EATON, Bachelors of Art, shall be the five Fellows, and THOMAS DANFORTH to be present Treasurer, all of them being inhabitants in the Bay, and shall be the first seven persons of which the said Corporation shall consist; and that the said seven persons, or the greater number of them, procuring the presence of the Overseers of the College, and by their counsel and consent, shall have power, and are hereby authorized, at any time or times, to elect a new President, Fellows, or Treasurer, so oft, and from time to time, as any of the said person or persons shall die or be removed; which said President and Fellows for the time being shall forever hereafter, in name and fact, be one body politic and corporate in law, to all intents and purposes, and shall have perpetual succession, and shall be called by the name of *President and Fellows of Harvard College*, and shall from time to time be eligible as aforesaid; and, by that name, they and their successors shall and may purchase and acquire to themselves, or take and receive upon free gift and donation, any lands, tenements, or hereditaments, within this jurisdiction of the Massachusetts, not exceeding the value of five hundred pounds per annum, and any goods and sums of money whatsoever to the use and behoof of the said President, Fellows, and scholars of the said College; and also may sue and plead, or be sued and impleaded, by the name aforesaid, in all courts and places of judicature within the jurisdiction aforesaid.

“And that the said President, with any three of the Fellows, shall have power, and are hereby authorized, when they shall think fit, to make and appoint a common seal for the use of the said Corporation. And the President and Fellows, or the major part of them, from time to time, may meet and choose such officers and servants for the College, and make such allowance to them, and them also to remove, and, after death or removal, to choose such others, and to make from time to time such orders and by-laws, for the better ordering and carrying on the work of the College, as they shall think fit; *provided* the said orders be allowed by the Overseers. And also that the President and Fellows, or major part of them, with the Treasurer, shall have power to make conclusive bargains for lands and tenements, to be purchased by the said Corporation for valuable considerations.

“And, for the better ordering of the government of the said College and Corporation,—Be it enacted by the authority aforesaid, that the President and three more of the Fellows shall and may from time to time, upon due warning or notice given by the President to the rest, hold a meeting for the debating and concluding of affairs concerning the profits and revenues of any lands, and disposing of their goods (provided that all the said disposings be according to the will of the donors), and for direction in all emergent occasions, execution of all orders and by-laws, and for the procuring of a general meeting of all the Overseers and Society, in great and difficult cases, and in cases of non-agreement; in all which cases aforesaid, the conclusion shall be made by the major part, the said President having a casting voice, the Overseers consenting thereunto. And that all the aforesaid transactions shall tend to and for the use and behoof of the President, Fellows, scholars, and officers of the said College, and for all accommodations of buildings, books, and all other necessary provisions and furnitures as may be for the advancement and education of youth in all manner of good literature, arts, and sciences.

“And, further, be it ordered by this Court and the authority thereof, that all the lands, tenements, or hereditaments, houses, or revenues, within this jurisdiction, to the aforesaid President or College appertaining, not exceeding the value of five hundred pounds per annum, shall from henceforth be freed from all civil impositions, taxes, and rates; all goods to the said Corporation, or to any scholars thereof, appertaining, shall be exempted from all manner of toll, customs, and excise whatsoever; and that the said President, Fellows, and scholars, together with the servants, and other necessary officers to the said President or College appertaining, not exceeding ten,—viz. three to the President and seven to the College belonging,—shall be exempted from all personal civil offices, military exercises or services, watchings and wardings; and such of their estates, not exceeding one hundred pounds a man, shall be free from all country taxes or rates whatsoever, and none others.

"In witness whereof, the Court hath caused the seal of the Colony to be hereunto affixed. Dated the one and thirtieth day of the third month, called May, anno 1650.

"[L. s.]

THO: DUDLEY, *Governor.*"*

"AN APPENDIX TO THE COLLEGE CHARTER, GRANTED BY AN ACT OF THE GENERAL COURT OF THE COLONY, PASSED A.D. 1657.

"*At a General Court held at Boston, the 14th of October, 1657.*

"In answer to certain proposals presented to this Court by the Overseers of HARVARD COLLEGE, as an appendix to the College Charter, it is ordered, —

"The Corporation shall have power, from time to time, to make such orders and by-laws, for the better ordering, and carrying-on of the work of the College, as they shall see cause, without dependence upon the consent of the Overseers foregoing. *Provided always*, that the Corporation shall be responsible unto, and those orders and by-laws shall be alterable by, the Overseers, according to their discretion.

"And when the Corporation shall hold a meeting, and agreeing with college servants, for making of orders and by-laws, for debating and concluding of affairs concerning the profits and revenues of any lands or gifts, and the disposing thereof (provided that all the said disposals be according to the will of the donors), for managing of all emergent occasions, for the procuring of a general meeting of the Overseers and Society in great and difficult cases, and in cases of non-agreement, and for all other college affairs to them pertaining, — in all these cases the conclusion shall be valid, being made by the major part of the Corporation, the President having a casting vote. *Provided always*, that, in these things also, they be responsible to the Overseers as aforesaid.

"And in case the Corporation shall see cause to call a meeting of the Overseers, or the Overseers shall think good to meet of themselves, it shall be sufficient unto the validity of college acts, that notice be given to the Overseers in the six towns mentioned in the printed law anno 1642, when the rest of the Overseers, by reason of the remoteness of their habitations, cannot conveniently be acquainted therewith."†

The Corporation and the Board of Overseers remain to the present time the governing powers of the University; and this charter with its appendix is now in force precisely as first drafted, notwithstanding that several attempts were made, during the first fifty years of its existence, to alter it

* The above is a copy of the original Charter, engrossed on parchment, under the signature of Governor Dudley, with the Colony seal appendant, in the custody of the President and Fellows of Harvard College. The Charter, varying slightly in phraseology, is also contained in the Records of the General Court, Vol. IV. page 10.

† This act is taken from the Records of the General Court, Vol. IV. page 266.

or to substitute another in its place. Several new charters which would have essentially changed the organization of the College passed both branches of the Colonial Legislature, but failed to receive the sanction of the King or Governor, and none of the proposed changes ever actually went into operation. The last attempt to obtain a new college charter from the Crown was in 1700, when a draft of a charter was prepared "to be solicited for to his Majesty," which passed both branches of the Legislature, but was never presented to the King.

After the constitution of the College had been for a number of years in this unsettled condition, the General Court in 1707 passed the following vote, reasserting the integrity and force of the Charter of 1650, and it remains "the venerable source of collegiate authority" to this day.

"EXTRACT FROM A RESOLVE OF THE PROVINCIAL GENERAL COURT, PASSED A.D. 1707, DECLARING THE COLLEGE CHARTER OF 1650 NOT REPEALED, AND DIRECTING THE PRESIDENT AND FELLOWS OF THE COLLEGE TO EXERCISE THE POWERS GRANTED BY IT.

"At a Great and General Court for her Majesty's Province of the Massachusetts Bay, begun and held at Boston upon the 28th of May, 1707, and continued by several prorogations unto the 29th of October following, being the third session.

"IN COUNCIL.

"Thursday, December 4, 1707.

"And inasmuch as the first foundation and establishment of that House [Harvard College, in Cambridge], and the government thereof, had its original from an act of the General Court, made and passed in the year 1650, which has not been repealed or nulled, — the President and Fellows of the said College are directed, from time to time, to regulate themselves according to the rules of the Constitution by the said Act prescribed, and to exercise the powers and authorities thereby granted for the government of that House, and the support thereof.

"Saturday, December 6, 1707.

"The Representatives returned the Vote passed in Council, the 4th current, referring to the College, with their concurrence thereunto.

"By his Excellency the Governor, consented to,

"JOSEPH DUDLEY."*

In 1780, when a Constitution was framed for the new Commonwealth of Massachusetts, the following Articles were introduced, securing to the President and Fellows of Harvard College the perpetual enjoyment of all their vested rights and powers, and providing for the organization of the Board of Overseers.

* This resolve is taken from the Records of the General Court, Vol. VIII. page 344.

"THE ARTICLES OF THE CONSTITUTION OF THE COMMONWEALTH OF MASSACHUSETTS, CONFIRMING AND SECURING TO HARVARD COLLEGE THE PERPETUAL POSSESSION AND ENJOYMENT OF ALL ITS ESTATES, RIGHTS, POWERS, AND PRIVILEGES.

"CHAPTER V.

"SECT. I. — *The University.*

"ARTICLE 1. — Whereas our wise and pious ancestors, so early as the year one thousand six hundred and thirty-six, laid the foundation of HARVARD COLLEGE, in which University many persons of great eminence have, by the blessing of God, been initiated in those arts and sciences which qualified them for public employments both in Church and State; and whereas the encouragement of arts and sciences and all good literature tends to the honor of God, the advantage of the Christian religion, and the great benefit of this and the other United States of America, — It is declared that the *President and Fellows of Harvard College* in their corporate capacity, and their successors in that capacity, their officers and servants, shall have, hold, use, exercise, and enjoy all the powers, authorities, rights, liberties, privileges, immunities, and franchises which they now have, or are entitled to have, hold, use, exercise, and enjoy; and the same are hereby ratified and confirmed unto them, the said President and Fellows of Harvard College, and to their successors, and to their officers and servants respectively, for ever.

"ART. 2. — And whereas there have been at sundry times, by divers persons, gifts, grants, devises of houses, lands, tenements, goods, chattels, legacies, and conveyances, heretofore made either to Harvard College, in Cambridge, in New England, or to the President and Fellows of Harvard College, or to the said College by some other description, under several charters successively, — It is declared that all the said gifts, grants, devises, legacies, and conveyances are hereby for ever confirmed unto the President and Fellows of Harvard College, and to their successors in the capacity aforesaid, according to the true intent and meaning of the donor or donors, grantor or grantors, devisor or devisors.

"ART. 3. — And whereas, by an Act of the General Court of the Colony of Massachusetts Bay, passed in the year one thousand six hundred and forty-two, the Governor and Deputy-Governor for the time being, and all the magistrates of that jurisdiction, were with the President, and a number of the clergy in the said Act described, constituted the Overseers of Harvard College; and it being necessary, in this new Constitution of government, to ascertain who shall be deemed successors to the said Governor, Deputy-Governor, and magistrates, — It is declared that the Governor, Lieutenant-Governor, Council, and Senate of this Commonwealth are and shall be deemed their successors; who with the President of Harvard College for

the time being, together with the ministers of the Congregational churches in the towns of Cambridge, Watertown, Charlestown, Boston, Roxbury, and Dorchester, mentioned in the said Act, shall be, and hereby are, vested with all the powers and authority belonging or in any way appertaining to the Overseers of Harvard College. *Provided*, that nothing herein shall be construed to prevent the Legislature of this Commonwealth from making such alterations in the government of the said University as shall be conducive to its advantage, and the interests of the republic of letters, in as full a manner as might have been done by the Legislature of the late Province of the Massachusetts Bay."

On February 12, 1814, the Senate and House of Representatives of the State of Massachusetts passed the following Act, relating to the Power of the President and Fellows of Harvard College of holding Real Estate:—

"AN ACT

TO ENLARGE THE POWER OF THE PRESIDENT AND FELLOWS OF HARVARD COLLEGE OF HOLDING REAL ESTATE.

Be it enacted by the Senate and House of Representatives in General Court assembled, and by the authority of the same:

That the President and Fellows of Harvard College and their successors in office, be and they are hereby authorized to purchase, accept, take and hold lands, tenements and hereditaments within this Commonwealth to the clear yearly value of twelve thousand dollars, in addition to what they now are by law authorized to hold, and in addition to the public buildings of said University occupied by the students and for other public purposes."

Passed 12th February, 1814.

The previous limitations on the power of the President and Fellows to accept and hold real estate were removed March 13, 1889, by the following Act of the Senate and House of Representatives of Massachusetts:—

"AN ACT

TO ENLARGE THE POWER OF THE PRESIDENT AND FELLOWS OF HARVARD COLLEGE TO HOLD TAXABLE REAL ESTATE.

Be it enacted by the Senate and House of Representatives in General Court assembled, and by the authority of the same, as follows:

SECT. 1. The President and Fellows of Harvard College may accept, take and hold, and may sell at their discretion, unless expressly forbidden by the terms of gift, any real estate within or without this Commonwealth which has been or may hereafter be given or devised to them for

educational purposes; and they may, from time to time, invest any portion of the property held by them, as they may think judicious, in productive real estate within the Commonwealth, and may sell any such estate at their discretion: *provided, however*, that nothing herein contained shall be construed to give the said corporation any claim to greater exemption from taxation than it now has under the constitution and laws of this Commonwealth.

SECT. 2. This Act shall take effect upon its passage."

Approved March 13, 1889.

It remains to notice certain changes in the constitution of the Board of Overseers, relating to eligibility to office, mode of appointment or election, and the connection between the College and the Commonwealth.

The first important change occurred in the year 1810. Under the Act of 1642 and the clauses of the State Constitution of 1780, the Board was composed of the Governor, Lieutenant-Governor, Council, and Senate of Massachusetts, and the Congregational ministers of certain specified towns. In the early days of the College this enumeration included almost all the educated men of the Colony; but in the course of time other classes rose to power and influence, and it became desirable that the Overseers should be able to place among their number other persons eminently qualified for such a position, and that the right to a seat at the Board should be no longer incidental and casual, but be made elective and permanent. Many of the members of the Senate also desired to be relieved of their duties towards the College.* Accordingly in March, 1810, an Act was passed by the State Legislature entitled "An Act to alter and amend the Constitution of the Board of Overseers of Harvard College," and consisting of six sections. By the first it is enacted that "The Governor, Lieutenant-Governor, Counsellors, President of the Senate, and Speaker of the House of Representatives of the Commonwealth, and the President of Harvard College for the time being, with fifteen ministers of Congregational churches and fifteen laymen, all inhabitants within the State, to be elected as is hereafter mentioned, shall for ever hereafter constitute the Board of Overseers of Harvard College."

The second and fifth sections provide for the election of the ministers and laymen, the said elections being made by the ballots of the major part of the Overseers present at a legal meeting.

The third section relates to the choice and duties of a Secretary, the time and manner of meeting, and the duty of presiding at the meetings.

The fourth section specifies when the seat of a minister or of a member shall become vacant, and confers the power of removal from office in certain cases.

* See Quincy's *History of Harvard University*, ii. 204.

The sixth and last section is as follows : —

“ This Act shall be in force when the Overseers of Harvard College, as heretofore constituted, and the President and Fellows of Harvard College, shall agree to accept the provisions in this Act contained.”

The principle that the Commonwealth could not change the constitution of the College, without the consent of the Corporation and Overseers, was thus distinctly recognized; and the chartered rights of the College were respected and maintained, at the same time that a more efficient organization was established for the Board of Overseers.

The provisions of this Act were accepted by the President and Fellows on the 16th of March, 1810; and by the Overseers on the 12th of April, in the same year.

In 1812, the Legislature, in direct opposition to a memorial from the Corporation, and without making any provision for the consent of the Corporation or Overseers, repealed this Act, and restored the former organization of the Board; but in 1814, the Act of 1812 was itself repealed, and that of 1810 re-enacted with the addition that the Senate of the Commonwealth should in future form part of the Board of Overseers. This Act also contained the provision that it should not take effect until it was accepted by the Overseers and by the President and Fellows of Harvard College. The Act was accepted by both Boards in March of the same year.

Until 1834, clergymen, to be eligible to the Board of Overseers, must be Congregationalists; but an Act was passed by the Legislature of that year opening the Board to clergymen of all denominations, — the Act to take effect whenever accepted by both branches of the College government. It was accepted by them in 1843.

Another Act, “ to change the organization of the Board of Overseers,” was passed in 1851. It made the Board to consist of, —

“ The Governor, Lieutenant-Governor, President of the Senate, and Speaker of the House of Representatives of the Commonwealth, the Secretary of the Board of Education, and the President and Treasurer of Harvard College, for the time being, together with thirty other persons, as hereinafter defined and described, and no others.”

The Act also divided the Board into six equal classes, to be elected and to go out of office in rotation, as described in the following sections : —

“ SECT. 3. — The thirty persons, who, in addition to the *ex-officio* members thereof, now constitute the Board of Overseers, shall be divided into three classes of ten each, by lot or otherwise, as they themselves may determine; and the persons of the first class shall go out of office on the day of the next annual meeting of the General Court, and their places be supplied by joint ballot of the Senators and Representatives of the Commonwealth, assembled in one room; and the persons of the second class shall

go out of office on the day of the annual meeting of the General Court, which will be in the year one thousand eight hundred and fifty-three, and their places be supplied in like manner by joint ballot of the Senators and Representatives; and the persons of the third class shall go out of office on the day of the annual meeting of the General Court, which will be in the year one thousand eight hundred and fifty-four, and their places be supplied in like manner by joint ballot of the Senators and Representatives. *Provided* that the persons of each of the said outgoing classes shall continue in office for two months after the day of the said annual meeting of the General Court, unless their successors shall have been sooner chosen by the Senators and Representatives.

“SECT. 4. — When the Board of Overseers shall have been wholly renewed in the manner prescribed in the foregoing section, the members thereof shall be divided into six equal classes, by subdivision of the previous classes into two each, according to lot or otherwise, as the Board may determine, and having regard to seniority of service among the said previous classes in arranging the order of precedence of the new series; and the said six classes shall thereafter go out of office in rotation, and in order of precedence as thus defined, one at each successive annual meeting of the General Court, and their places be supplied by joint ballot of the Senators and Representatives.

“SECT. 7. — No member of the General Court which elects shall be eligible to a place in the said Board of Overseers; and no person shall be re-eligible for more than one term immediately succeeding that for which he shall have been first elected.”

This Act was not to go into effect until “the Board of Overseers, as heretofore constituted, and the President and Fellows of Harvard College respectively, at meetings held for that purpose during the present session of the General Court, shall by vote have assented to the same.” The two Boards concurred as required.

Meanwhile an opinion was everywhere gaining ground that it would be better for the community and the interests of learning, as well as for the University, if the power to elect the Overseers were transferred from the Legislature to the graduates of the College. A bill to this effect was introduced into the Senate in 1854, which passed through most of the preliminary stages, but failed to be enacted; partly, as it was thought at the time, from the pressure of business at the close of the session. The purpose was finally carried out in 1865, by the passage of the following Act in relation to the Board of Overseers of Harvard College:—

"AN ACT**IN RELATION TO THE BOARD OF OVERSEERS OF HARVARD COLLEGE.**

"SECTION 1. — The places of the successive classes in the Board of Overseers of Harvard College, and the vacancies in such classes, shall hereafter be annually supplied by ballot of such persons as have received from the College a degree of Bachelor of Arts, or Master of Arts, or any honorary degree, voting on Commencement Day in the city of Cambridge; such election to be first held in the year eighteen hundred and sixty-six; *provided, however*, that no member of the Corporation, and no officer of government or instruction in said College, shall be eligible as an Overseer, or entitled to vote in the election of Overseers; and *provided, further*, that no person who has received from said College the degree of Bachelor of Arts shall be entitled to vote for Overseers before the fifth annual election after the graduation of his class.

"SECT. 2. — The Board of Overseers shall annually appoint one principal and two or more assistant-inspectors of polls, who shall, on Commencement Day, from the hour of ten in the forenoon to the hour of four in the afternoon, at some place in said city of Cambridge, fixed by said Board, receive the votes for Overseers, and they shall sort and count such votes, and make public declaration thereof, after the closing of the polls; and said inspectors shall be provided with a complete list of the persons qualified to vote at such election, and no person shall vote until the inspectors find and check his name upon such list. The names of the persons voted for, the number of votes received for each person, and the vacancy or place in said Board for which he is proposed, shall be entered in words at length, by said inspectors, upon a record kept by them for that purpose, which shall, after such election, be forthwith made up, signed, and delivered by them to the Board of Overseers. The persons who shall receive the highest number of votes for the places or vacancies in said Board shall, to the number of Overseers to be elected, be deemed and shall be declared by said Board elected to be members thereof.

"SECT. 3. — The Board of Overseers shall give notice of the place of the polls, the hours during which they are open, and the number of Overseers to be elected, by publishing the same at least ten days before Commencement Day in some newspaper printed in the city of Boston.

"SECT. 4. — The terms of office of the existing classes of Overseers are extended to the close of Commencement Day of the year in which such terms severally expire; the terms of office of the classes hereafter elected shall successively expire at the close of Commencement Day each year in their order; and the persons elected Overseers on any Commencement Day shall supply the places of the class of Overseers which goes out of office at the close of that day, and the vacancies then existing in said Board.

"SECT. 5. — Whenever there shall be a failure on Commencement Day to supply any places or vacancies in the Board of Overseers, the same may be filled by vote of the remaining Overseers; and any person elected to fill a vacancy shall be deemed to be a member of and to go out of office with the class to which his predecessor belonged.

"SECT. 6. — The Governor, Lieutenant-Governor, President of the Senate, Speaker of the House of Representatives, and Secretary of the Board of Education shall not be *ex-officio* members of the Board of Overseers of Harvard College after this Act shall be in force.

"SECT. 7. — This Act shall be in force when the Board of Overseers and the President and Fellows of Harvard College, respectively, at meetings held for that purpose, shall by vote have assented to the same.

"SECT. 8. — This Act shall not be construed as in the nature of a contract or a charter, but may at any time be repealed at the pleasure of the Legislature." [April 28, 1865.]

This Act, having been duly assented to by the Overseers on the 21st of September, 1865, and by the President and Fellows on the 15th of December of the same year, is now the law.

In the Act of 1810 it is specified that the members of the Board of Overseers shall be "all inhabitants within the State." This restriction was removed by the following Act in 1880:—

"AN ACT

TO PROVIDE FOR THE ELIGIBILITY OF PERSONS NOT INHABITANTS OF THIS COMMONWEALTH AS OVERSEERS OF HARVARD COLLEGE.

"SECTION I. — Persons not inhabitants of this Commonwealth and otherwise qualified shall be eligible as Overseers of Harvard College.

"SECTION II. — This Act shall take effect on its acceptance by the President and Fellows and by the Board of Overseers of Harvard College, respectively, at meetings held for that purpose." [March 5, 1880.]

This Act was accepted by the President and Fellows on May 31, 1880, and by the Overseers on June 2, 1880.

The method of election of Overseers of Harvard College, described in Section 2 of the Act of 1865, was amended by the following Act in 1889:—

"AN ACT

TO AMEND CHAPTER 173 OF THE ACTS OF THE YEAR 1865 IN RELATION TO THE BOARD OF OVERSEERS OF HARVARD COLLEGE.

Be it enacted, etc., as follows:

SECT. 1. Section 2 of Chapter 173 of the Acts of the year 1865 is

amended by striking out all of said section after the word "list" in the eleventh line thereof, and by inserting in place thereof the following: The names of the persons voted for, and the number of votes received for each person, shall be entered in words at length by said inspectors upon a record kept by them for that purpose, which shall, after such election, be forthwith made up, signed and delivered by them to the Board of Overseers. The persons who shall receive the highest number of votes for the places in said board shall, to the number of overseers to be elected, be deemed and declared by said board elected to be members thereof for the following terms, to wit: The five persons receiving the highest number of votes shall be declared elected to the class having the longest term, and in case any vacancy or vacancies exist in any other class or classes, the person voted for shall be declared elected to such vacancy or vacancies according to the number of votes received by them, the person or persons receiving the next highest number of votes being declared elected to the class having the next longest term to run, and so on in order for other vacancies. In case, by reason of a tie, it should be uncertain to which class any persons should be declared elected, the Board of Overseers shall by vote determine to which classes the persons receiving the same number of votes shall be assigned.

SECT. 2. This Act shall take effect upon its passage."

This Act was approved March 19, 1889.

STATUTES OF THE UNIVERSITY.

1. **THE UNIVERSITY.** Harvard University comprehends the following departments: Harvard College, the Lawrence Scientific School, the Graduate School, the Divinity School, the Law School, the Medical School, the Dental School, the School of Veterinary Medicine, the Bussey Institution (a School of Agriculture), the Arnold Arboretum, the University Library, the Museum of Comparative Zoölogy, the University Museum, the Botanic Garden, the Herbarium, and the Astronomical Observatory. The Peabody Museum of American Archaeology and Ethnology is a constituent part of the University; but its relations to the University are affected by peculiar provisions.

2. **PRESIDENT.** It is the duty of the President of the University to call meetings of the Corporation, and preside at the same; to act as the ordinary medium of communication between the Corporation and the Overseers, and between the Corporation and the Faculties; to make an annual report to the Overseers on the general condition of the University; to preside on public academic days; to preside over the several Faculties; to direct the official correspondence of the University; to acquaint himself with the state, interests, and wants of the whole institution; and to exercise a general superintendence over all its concerns. For the better discharge of these duties, he must live in Cambridge.

3. **TREASURER.** The Treasurer has the custody of all the property of the University. He is required to submit his accounts, and all evidences of the property under his charge, to the committees of inspection appointed by the Corporation and Overseers severally, and to make annually to the Overseers a statement of the receipts and expenditures of the University.

The Treasurer of the College may from time to time, and for periods of time while he holds the office, nominate a Deputy Treasurer, who, if appointed by the Corporation, and confirmed by the Overseers, shall have such of the powers and perform such of the duties of the Treasurer as the Corporation shall think fit, except the powers and duties of the Treasurer as a member of the Corporation, and of the Board of Overseers. A Deputy Treasurer shall receive such portion of the Treasurer's salary as the Corporation shall approve, and the Treasurer and Deputy Treasurer shall give to the Corporation their joint and several bond in the sum of one hundred thousand dollars for the faithful performance of his duties by the Deputy Treasurer.

The Bursar and the Superintendent of Buildings are under the direction of the Treasurer, and are his agents in Cambridge.

All officers who are intrusted with property belonging to the University are required to keep inventories of the same, which are subject to the inspection of the Treasurer; and to have all such property designated as University property by suitable marks.

4. **TENURES OF OFFICE.** In all departments of the University, professorships are held without express limitation of time. Assistant professorships are held for five years, and tutorships for not more than three years. At the end of the term of an Assistant Professor or Tutor, his connection with the University ceases, unless he be reappointed. Lecturers are appointed for not more than one year. Instructors are appointed for such terms as convenience may require. Tutors and Instructors are responsible, in regard to their subjects and methods of teaching, to the Professors in their respective branches of study. Proctors are appointed for not more than one year, to assist the Faculties in the conduct of examinations, and in the preservation of order and decorum within the University precincts. All officers of instruction and government are subject to removal for inadequate performance of duty, or for misconduct.

5. **UNIVERSITY COUNCIL.** The University Council consists of the President, Professors, and Assistant Professors of the University and such other University officials as the Corporation with the consent of the Overseers may appoint members of the Council. It is the function of the Council to consider questions which concern more than one Faculty, and questions of University policy.

6. **FACULTIES.** Harvard College, the Lawrence Scientific School, and the Graduate School are together under the immediate charge of a Faculty, — the Faculty of Arts and Sciences. The other Schools of the University are each under the immediate charge of a Faculty. Each Faculty is composed of all the Professors, Assistant Professors, and Tutors, and of all the Instructors appointed for a term longer than one year, who teach in the department or departments under the charge of that Faculty. The President is a member of each Faculty.

A Faculty may, at its discretion, delegate any of its powers relating to ordinary matters of administration and discipline, except the power to inflict the penalties of dismissal and expulsion, to Administrative Boards, nominated from among its members by the President, and appointed by the Corporation with the consent of the Overseers. Every such Board shall be subject to the authority of the Faculty from which it is appointed. Any Administrative Board established for Harvard College shall consist of not less than fifteen members.

7. DEANS. Each Faculty has a Dean, who is appointed by the Corporation, with the consent of the Overseers, from among the members of the Faculty. Harvard College, the Lawrence Scientific School, and the Graduate School also have each a Dean, who is appointed by the Corporation, with the consent of the Overseers, from among the members of the Faculty of Arts and Sciences. Each Dean is the chief executive officer of his Faculty, College, or School, is responsible for the proper preparation and conduct of its business, and makes an annual report to the President.

8. ACADEMIC YEAR. The Academic Year begins on the Thursday following the last Wednesday in September. The annual Commencement is held on the last Wednesday in June. The vacation begins at Commencement and ends on the last Wednesday in September. The Christmas recess begins on the 23d of December, and ends on the 2d of January. The Spring recess begins on the Sunday next preceding the 19th of April, or on Sunday the 19th of April when that day falls on Sunday, and ends on the following Saturday, both days inclusive. The twenty-second day of February, the thirtieth day of May, and Thanksgiving day are holidays.

9. DEGREES. The ordinary degrees of Bachelor of Arts, Bachelor of Science, Master of Arts, Civil Engineer, Doctor of Philosophy, Doctor of Science, Bachelor of Divinity, Bachelor of Laws, Doctor of Medicine, Doctor of Dental Medicine, Doctor of Veterinary Medicine, and Bachelor of Agricultural Science are conferred, after recommendation by the several Faculties, by vote of the Corporation, with the consent of the Overseers. It is required that no candidate for the ordinary degrees be recommended, except after thorough public examination, and a residence at the University of at least one year. There are four grades of the degree of Bachelor of Arts and of the degree of Bachelor of Science, and two grades of the degree of Bachelor of Laws and of the degree of Doctor of Medicine. Honorary degrees are conferred by vote of the Corporation, with the consent of the Overseers. The degrees conferred by the University are announced at Commencement.

10. STUDENTS NOT CANDIDATES FOR A DEGREE. Persons who are not candidates for a degree may be admitted to any of the courses of instruction given in the University, provided that they satisfy the appropriate Faculty of their fitness to pursue the particular courses which they elect. The several Faculties have the right to deprive any such student of his privileges, if he abuse or fail to use them.

11. BONDS AND REGISTRATION. Every student must, on his admission to any department of the University, give a bond to the Treasurer or the Bursar, in such a sum as shall from time to time be determined by the Corporation, for the payment of his dues to the University; or he must make payment in advance, or secure payment by a deposit. He must

then enter his name, and such other particulars as may be required by the several Faculties, respectively, with the Dean of his Faculty.

12. **DISCIPLINE.** The several Faculties have authority to impose fines and levy assessments for damage done to property; to inflict, at their discretion, the penalties of admonition, suspension, dismissal, and expulsion; and to use all other appropriate means of discipline; but no student shall be dismissed or expelled from the University except by a vote of at least two thirds of the members of his Faculty present and voting thereon. Suspension is a separation from the University for a fixed period of time. It may be accompanied with a requirement of residence in a specified place, and of the performance of specified tasks. Dismissal closes a student's connection with the University, without necessarily precluding his return. Expulsion is the highest academic censure, and is a final separation from the University.

13. **PARIETAL BOARD.** The proctors and the officers of instruction who reside in University buildings, or in buildings to which the superintendence of the University extends, constitute the Parietal Board. It is their duty, under the direction of the Regent, to prevent offences against order and decorum within the University precincts, and to assist the Regent in his supervision of the buildings in which they live.

14. **REGENT.** The Regent is a University officer who exercises a general supervision over the conduct and welfare of the students. It is his duty to direct the proctors who reside in University buildings, or in buildings to which the superintendence of the University extends. He is expected to inform himself of the condition and management of all buildings in which five or more students are lodged, or in which students' societies meet. He is also expected to inform himself fully about all students' societies and clubs, and to enforce the responsibility of the officers and members thereof for their proceedings.

15. **UNIVERSITY PREACHERS.** Five preachers to the University are annually appointed by the President and Fellows, with the consent of the Board of Overseers, who, in conjunction with the Plummer Professor of Christian Morals, arrange and conduct the religious services of the University.

16. **RELIGIOUS SERVICES.** Daily prayers are held in the Chapel during term time.

Seats are provided, at the expense of the College, for all students who attend the Sunday services of the several religious denominations having established places of worship in the immediate vicinity of the College.

17. **DIVINITY SCHOOL.** No assent to the peculiar doctrines or practices of any denomination of Christians is required of instructors or students in the Divinity School.

18. LIBRARY. The Library in Gore Hall is for the use of the whole University. Its privileges are also granted, under special regulations to persons not connected with the University.

The Librarian and the Assistant Librarians are chosen in the same manner as officers of instruction and government, and are under the same liability to removal.

The Librarian has the care and custody of the Library. It is his duty to superintend its internal administration, enforce the rules, and conduct the correspondence; and to make annually a written report on the condition of the Library to the Library Committee of the Overseers and to the President.

19. COUNCIL OF THE LIBRARY. The general control and oversight of the Library is committed to the Council of the Library, consisting of the President, the Librarian, and six other persons, who are appointed by the Corporation, with the consent of the Overseers, for the term of three years. Any vacancy occurring in the Council is filled in the same manner for the unexpired portion of the term.

It is the duty of the Council to make rules for the administration of the Library; to direct the purchase of books, to the extent of the funds applicable for that purpose; and to visit and inspect the Theological, Law, Medical, and other special libraries.

GOVERNING BOARDS OF THE UNIVERSITY.

CORPORATION.*

PRESIDENT.

CHARLES WILLIAM ELIOT, LL.D., 17 Quincy St., Cambridge.

FELLOWS.

MARTIN BRIMMER, A.B., 47 Beacon St., Boston.

WILLIAM CROWNINSHIELD ENDICOTT, LL.D., Salem.

HENRY PICKERING WALCOTT, A.B., M.D., 11 Waterhouse St.,
Cambridge.

HENRY LEE HIGGINSON, A.M., 44 State St., Boston.

SAMUEL HOAR, A.B., Concord.

TREASURER.

EDWARD WILLIAM HOOPER, A.B., LL.B., Fayerweather St.,
Cambridge.

OVERSEERS.

The PRESIDENT and TREASURER of the University, *ex officio*, and the following persons by election:—

1895.†

ROBERT McNEIL MORSE, A.B., 57 Equitable Building, Boston.

ROGER WOLCOTT, A.B., LL.B., 945 Exchange Building, Boston.

LEVERETT SALTONSTALL, A.M., LL.B., Chestnut Hill.

EDMUND WETMORE, A.B., LL.B., 34 Pine St., New York, N. Y.

ROBERT BACON, A.B., 38 State St., Boston.

1896.

GEORGE BRUNE SHATTUCK, A.M., M.D., 183 Beacon St., Boston.

EDWIN PLINY SEAVER, A.M., LL.B., Waban.

HENRY HARRISON SPRAGUE, A.M., 19 Milk St., Boston.

SOLOMON LINCOLN, A.M., LL.B., *President*, 191 Commonwealth
Ave., Boston.

FRANCIS RAWLE, A.M., LL.B., 328 Chestnut St., Philadelphia, Pa.

* The legal title of the Corporation is "PRESIDENT AND FELLOWS OF HARVARD COLLEGE."

† The term expires, in each case, on Commencement Day of the year indicated.
See p. 26, sect. 4.

1897.

THOMAS JEFFERSON COOLIDGE, A.M., Ames Building, Boston.
GEORGE OTIS SHATTUCK, A.B., LL.B., 166 Beacon St., Boston.
CHARLES RUSSELL CODMAN, A.M., LL.B., 57 Marlborough St.,
Boston.
CHARLES JOSEPH BONAPARTE, A.B., LL.B., 216 St. Paul St.,
Baltimore, Md.
CHARLES FOLLEN FOLSOM, A.M., M.D., 15 Marlborough St.,
Boston.

1898.

HENRY LEE, A.M., 40 State St., Boston.
GEORGE EVERETT ADAMS, A.M., LL.B., 530 Belden Ave., Chi-
cago, Ill.
JAMES COOLIDGE CARTER, LL.D., 54 Wall St., New York, N. Y.
STEPHEN MINOT WELD, A.M., 89 State St., Boston.
MOORFIELD STOREY, A.M., 735 Exchange Building, Boston.

1899.

MOSES WILLIAMS, A.B., 18 Post Office Square, Boston.
SAMUEL HOAR, A.B., Concord.
ARTHUR THEODORE LYMAN, A.M., 39 Beacon St., Boston.
WILLIAM AMOS BANCROFT, A.B., 5 Putnam Ave., Cambridge.
ROBERT SWAIN PEABODY, A.M., Exchange Building, Boston.

1900.

AUGUSTUS HEMENWAY, A.B., 10 Tremont St., Boston.
CHARLES COTESWORTH BEAMAN, A.M., 52 Wall St., New York,
N. Y.
SAMUEL ABBOTT GREEN, A.M., M.D., 30 Tremont St., Boston.
WILLIAM LAWRENCE, D.D., 101 Brattle St., Cambridge.
FRANCIS CABOT LOWELL, A.B., 709 Exchange Building, Boston.

SECRETARY OF THE BOARD OF OVERSEERS.

ALEXANDER McKENZIE, D.D., 12 Garden St., Cambridge.

OFFICERS OF INSTRUCTION AND GOVERNMENT.*

CHARLES WILLIAM ELIOT, LL.D., PRESIDENT,	RESIDENCE.†
THOMAS MOTLEY, A.M., <i>Instructor in Farming,</i>	17 Quincy St.
———, <i>Professor of Entomology.</i>	Jamaica Plain.
———, <i>Smith Professor of the French and Spanish Languages and Literatures, and Professor of Belles Lettres.</i>	
JOSIAH DWIGHT WHITNEY, LL.D., <i>Sturgis Hooper Professor of Geology,</i>	2 Divinity Ave.
WOLCOTT GIBBS, M.D., LL.D., <i>Rumford Professor and Lecturer on the Application of Science to the Useful Arts, Emeritus,</i>	Newport, R. I.
———, <i>Professor of Applied Zoölogy.</i>	
FRANCIS JAMES CHILD, PH.D., LL.D., <i>Professor of English,</i>	67 Kirkland St.
GEORGE MARTIN LANE, PH.D., LL.D., <i>Pope Professor of Latin, Emeritus,</i>	8 Mercer Circle.
CHARLES ELIOT NORTON, LITT.D., LL.D., <i>Professor of the History of Art,</i>	Irving St.
THOMAS HENDERSON CHANDLER, A.M., LL.B., D.M.D., <i>Professor of Mechanical Dentistry, and Dean of the Dental Faculty,</i>	161 Newbury St., Boston.
CHARLES CARROLL EVERETT, D.D., LL.D., <i>Bussey Professor of Theology, and Dean of the Divinity Faculty,</i>	53 Garden St.
JOSEPH HENRY THAYER, D.D., LITT.D., <i>Bussey Professor of New Testament Criticism and Interpretation,</i>	67 Sparks St.
CHARLES FRANKLIN DUNBAR, LL.D., <i>Professor of Political Economy, and Dean of the Faculty of Arts and Sciences,</i>	14 Highland St.
WILLIAM WATSON GOODWIN, PH.D., LL.D., D.C.L., <i>Eliot Professor of Greek Literature,</i>	5 Follen St.
CHRISTOPHER COLUMBUS LANGDELL, LL.D., <i>Dane Professor of Law, and Dean of the Law Faculty,</i>	37 Quincy St.
FERDINAND BÖCHER, A.M., <i>Professor of Modern Languages,</i>	12 Holyoke Pl.

* Arranged, with the exception of the President, on the basis of collegiate seniority.

† For abbreviations, see p. 11. The residence is in Cambridge, unless otherwise stated. No residence is given, if the officer is absent for the year.

- DAVID WILLIAMS CHEEVER, M.D., LL.D., *Professor of Surgery, Emeritus*, 557 Boylston St., Boston.
- JAMES BRADLEY THAYER, LL.D., *Weld Professor of Law*, 5 Phillips Pl.
- ADAMS SHERMAN HILL, A.B., LL.B., *Boylston Professor of Rhetoric and Oratory*, Sever 3.
- JAMES MILLS PEIRCE, A.M., *Perkins Professor of Astronomy and Mathematics, and Dean of Graduate School*, 4 Kirkland Pl.
- JAMES CLARKE WHITE, A.B., M.D., *Professor of Dermatology*, 259 Marlborough St., Boston.
- JUSTIN WINSOR, LL.D., *Librarian*, 74 Sparks St.
- ALEXANDER AGASSIZ, LL.D., *Director and Curator of the Museum of Comparative Zoölogy*, 36 Quincy St.
- FRANCIS HUMPHREYS STORER, S.B., A.M., *Professor of Agricultural Chemistry, and Dean of the Bussey Institution*, 476 Boylston St., Boston.
- JAMES BRADSTREET GREENOUGH, A.B., *Professor of Latin*, 9 Riedesel Ave.
- , *Professor of Topographical Engineering*.
- ARTHUR SEARLE, A.M., *Phillips Professor of Astronomy*, 41 Concord Ave.
- JEREMIAH SMITH, LL.D., *Story Professor of Law*, 4 Berkeley St.
- CRAWFORD HOWELL TOY, LL.D., *Hancock Professor of Hebrew and other Oriental Languages, and Dexter Lecturer on Biblical Literature*.
- JOHN CHIPMAN GRAY, A.M., LL.D., *Royall Professor of Law*, 176 Beacon St., Boston.
- JOHN KNOWLES PAINE, A.M., Mus.D., *Professor of Music*, 23 Hawthorn St.
- GEORGE LINCOLN GOODALE, M.D., LL.D., *Fisher Professor of Natural History, and Director of the Botanic Garden*, 10 Craigie St.
- OLIVER FAIRFIELD WADSWORTH, A.M., M.D., *Professor of Ophthalmology*, 398 Boylston St., Boston.
- HENRY PICKERING BOWDITCH, A.M., M.D., *Professor of Physiology*, Jamaica Plain.
- CHARLES HERBERT MOORE, A.M., *Assistant Professor of Design in the Fine Arts*, 19 Follen St.
- FREDERICK WARD PUTNAM, A.M., S.D., *Peabody Professor of American Archaeology and Ethnology, and Curator of the Peabody Museum*, 400 Broadway.
- CLARENCE JOHN BLAKE, M.D., *Professor of Otology*, 226 Marlborough St., Boston.

- FRANK WINTHROP DRAPER, A.M., M.D., *Professor of Legal Medicine*, 304 Marlborough St., Boston.
- CHARLES BURNHAM PORTER, A.M., M.D., *Professor of Clinical Surgery*, 5 Arlington St., Boston.
- CHARLES SPRAGUE SARGENT, A.B., *Arnold Professor of Arboriculture, and Director of the Arnold Arboretum*, Jamaica Plain.
- NATHANIEL SOUTHGATE SHALER, S.D., *Professor of Geology, and Dean of the Lawrence Scientific School*, 25 Quincy St.
- FREDERIC DE FOREST ALLEN, PH.D., *Professor of Classical Philology*, 10 Humboldt St.
- JOHN ORNE GREEN, A.M., M.D., *Clinical Professor of Otology*, 182 Marlborough St., Boston.
- AMOS LAWRENCE MASON, A.B., M.D., *Associate Professor of Clinical Medicine*, 265 Clarendon St., Boston.
- CLEMENT LAWRENCE SMITH, LL.D., *Professor of Latin*, 64 Sparks St.
- JOHN COLIINS WARREN, A.B., M.D., *Professor of Surgery*, 58 Beacon St., Boston.
- REGINALD HEBER FITZ, A.M., M.D., *Hersey Professor of the Theory and Practice of Physic*, 18 Arlington St., Boston.
- GEORGE HERBERT PALMER, A.M., LL.D., *Alford Professor of Natural Religion, Moral Philosophy, and Civil Polity*, 11 Quincy St.
- WILLIAM LAMBERT RICHARDSON, A.M., M.D., *Professor of Obstetrics, and Dean of the Medical Faculty*, 225 Commonwealth Ave., Boston.
- EDWARD CHARLES PICKERING, LL.D., *Paine Professor of Practical Astronomy, and Director of the Observatory*, Observatory.
- JOHN TROWBRIDGE, S.D., *Rumford Professor and Lecturer on the Application of Science to the Useful Arts, and Director of the Jefferson Physical Laboratory*, Linnaean St.
- GEORGE ALONZO BARTLETT, A.M., *Associate Professor of German, and Regent*, Beck Building 26.
- THOMAS DWIGHT, M.D., LL.D., *Parkman Professor of Anatomy*, 235 Beacon St., Boston.
- WILLIAM GILSON FARLOW, A.M., M.D., *Professor of Cryptogamic Botany*, 24 Quincy St.
- THOMAS FILLEBROWN, M.D., D.M.D., *Professor of Operative Dentistry*, 157 Newbury St., Boston.
- WILLIAM JAMES, M.D., PH.D. et Litt.D., *Professor of Psychology*, 95 Irving St.

- JAMES JACKSON PUTNAM, A.B., M.D., *Professor of Diseases of the Nervous System*, 106 Marlborough St., Boston.
- CHARLES LORING JACKSON, A.M., *Erving Professor of Chemistry*, H'y 11.
- EDWARD STICKNEY WOOD, A.M., M.D., *Professor of Chemistry*, 220 Marlborough St., Boston.
- JAMES BARR AMES, A.M., LL.B., *Bussey Professor of Law*, 11 Frisbie Pl.
- FREDERICK CHEEVER SHATTUCK, A.M., M.D., *Jackson Professor of Clinical Medicine*, 135 Marlborough St., Boston.
- FRÉDÉRIC CÉSAR DE SUMICHRAST, *Assistant Professor of French*, 16 Quincy St.
- JOHN WILLIAMS WHITE, PH.D., *Professor of Greek*, 18 Concord Ave.
- WILLIAM HENRY BAKER, M.D., *Professor of Gynecology*, 22 Mt. Vernon St., Boston.
- EDWARD HICKLING BRADFORD, A.M., M.D., *Assistant Professor of Orthopedics*, 133 Newbury St., Boston.
- WILLIAM MORRIS DAVIS, M.E., *Professor of Physical Geography*, 1 Bond St.
- HENRY BARKER HILL, A.M., *Professor of Chemistry, and Director of the Chemical Laboratory*, 17 Hammond St.
- WARREN ANDREW LOCKE, A.M., *Organist and Choir-Master*, 7 Francis Ave.
- FRANCIS GREENWOOD PEABODY, D.D., *Plummer Professor of Christian Morals*, 13 Kirkland St.
- , *Parkman Professor of Theology*.
- CHARLES ALBERT BRACKETT, D.M.D., *Professor of Dental Pathology*, Newport, R. I.
- THOMAS MORGAN ROTCH, A.B., M.D., *Professor of the Diseases of Children*, 197 Commonwealth Ave., Boston.
- BENJAMIN MARSTON WATSON, A.B., *Instructor in Horticulture*, Jamaica Plain.
- WILLIAM ELWOOD BYERLY, PH.D., *Professor of Mathematics*, 39 Hammond St.
- EPHRAIM EMERTON, PH.D., *Winn Professor of Ecclesiastical History*, 19 Chauncy St.
- WILLIAM BARKER HILLS, A.B., M.D., *Associate Professor of Chemistry*, 27 Everett St.
- CHARLES ROCKWELL LANMAN, PH.D., *Professor of Sanskrit*, 9 Farrar St.
- EDWARD LAURENS MARK, PH.D., *Hersey Professor of Anatomy*, 109 Irving St.

- EUGENE HANES SMITH, D.M.D., *Instructor in Orthodontia*, 283 Dartmouth St., Boston.
- WILLIAM FISKE WHITNEY, A.B., M.D., *Professor of Parasites and Parasitic Diseases, and Curator of the Anatomical Museum*, 228 Marlborough St., Boston.
- WILLIAM THOMAS COUNCILMAN, M.D., *Shattuck Professor of Pathological Anatomy*, Exeter Chambers, Exeter St., Boston.
- CHARLES SEDGWICK MINOT, S.D., *Professor of Histology and Human Embryology*, 688 Boylston St., Boston.
- EDWARD STEVENS SHELDON, A.B., *Professor of Romance Philology*, 27 Hurlbut St.
- SILAS MARCUS MACVANE, A.B., *McLean Professor of Ancient and Modern History*, 34 Kirkland St.
- MAURICE HOWE RICHARDSON, A.B., M.D., *Assistant Professor of Anatomy*, 224 Beacon St., Boston.
- ROBERT WHEELER WILLSON, Ph.D., *Instructor in Astronomy*, 64 Brattle St.
- JOHN HENRY WRIGHT, A.M., *Professor of Greek*.
- CHARLES MONTRAVILLE GREEN, A.B., M.D., *Assistant Professor of Obstetrics*, 78 Marlborough St., Boston.
- CHARLES PARKER LYMAN, F.R.C.V.S., *Professor of Veterinary Medicine, and Dean of the School of Veterinary Medicine*, 50 Village St., Boston.
- ROBERT LOUIS SANDERSON, *Assistant Professor of French*, 13 Follen St.
- EDWARD CORNELIUS BRIGGS, M.D., D.M.D., *Assistant Professor of Materia Medica and Therapeutics*, 125 Marlborough St., Boston.
- LE BARON RUSSELL BRIGGS, A.M., *Professor of English, and Dean of Harvard College*, 140 Brattle St.
- KUNO FRANCKE, Ph.D., *Assistant Professor of German Literature*.
- EDWIN HERBERT HALL, Ph.D., *Assistant Professor of Physics*, 37 Gorham St.
- DAVID GORDON LYON, Ph.D., *Hollis Professor of Divinity, and Curator of the Semitic Museum*, Arlington Heights.
- JOSIAH ROYCE, Ph.D., *Professor of the History of Philosophy*, 103 Irving St.
- DUDLEY ALLEN SARGENT, A.M., M.D., S.D., *Director of the Hemenway Gymnasium*, 27 Everett St.
- HERBERT LESLIE BURRELL, M.D., *Assistant Professor of Clinical Surgery*, 22 Newbury St., Boston.

- HAROLD CLARENCE ERNST, A.M., M.D., Assistant**
Professor of Bacteriology, 8 Greenough Ave., Jamaica Plain.
- PHILIPPE BELKNAP MARCOU, Ph.D., Instructor in**
Romance Languages, 42 Garden St.
- CHARLES POMEROY PARKER, A.B., Instructor in**
Greek and Latin, 60 Shepard St.
- BENJAMIN OSGOOD PEIRCE, Ph.D., Hollis Professor**
of Mathematics and Natural Philosophy, 51 Oxford St.
- EUGENE WAMBAUGH, A.M., LL.D., Professor of**
Law, 29 Hammond St.
- HANS CARL GÜNTHER VON JAGEMANN, Ph.D.,**
Assistant Professor of Germanic Philology, 29 Shepard St.
- FREDERICK HUNTINGTON OSGOOD, B.S.,**
M.R.C.V.S., Professor of Veterinary Surgery, 50 Village St., Boston.
- JERE EDMUND STANTON, M.D., D.M.D., Instructor**
in Oral Anatomy and Physiology, and in Bacteriology,
 414 Boylston St., Boston.
- WILLIAM HOPKINS TILLINGHAST, A.B., Assist-**
ant Librarian, and Editor of the Quinquennial
Catalogue, 50 Garden St.
- BARRETT WENDELL, A.B., Assistant Professor of**
English.
- EDWARD CHANNING, Ph.D., Assistant Professor of**
History, 1 Brewster St.
- WILLIAM PARKER COOKE, D.M.D., Instructor in**
Crown and Bridge Work, 330 Dartmouth St., Boston.
- CHARLES GROSS, Ph.D., Assistant Professor of**
History, 11 Putnam Ave.
- PAUL HENRY HANUS, S.B., Assistant Professor of**
the History and the Art of Teaching, 5 Walker St.
- CHARLES HARRINGTON, A.B., M.D., Instructor in**
Materia Medica and Hygiene, 57 Orchard St., Jamaica Plain.
- IRA NELSON HOLLIS, Professor of Engineering, 7 Lowell St.**
- HUGO KARL SCHILLING, Ph.D., Assistant Professor**
of German, 4 Langdon St.
- HENRY FISKE LEONARD, M.D., M.D.V., Instructor**
in Anatomy, and Clinical Lecturer, 297 Newbury St., Boston.
- WILLIAM HENRY PICKERING, S.B., Assistant Pro-**
fessor of Astronomy, Observatory.
- FRANK WILLIAM TAUSSIG, LL.B., Ph.D., Professor**
of Political Economy.
- JOHN ELIOT WOLFF, Ph.D., Assistant Professor of**
Petrography, University Museum.

- ALBERT BUSHNELL HART, PH.D., *Assistant Professor of History*, 15 Appian Way.
 HERBERT LANGFORD WARREN, *Assistant Professor of Architecture*, 9 Park St., Boston.
 WILLIAM JAMES ASHLEY, A.M., *Professor of Economic History*, 6 Acacia St.
 SOLON IRVING BAILEY, A.M., *Assistant Professor of Astronomy*.
 MORRIS HICKY MORGAN, PH.D., *Assistant Professor of Greek and Latin*, Hubbard Park.
 JOSEPH HENRY BEALE, JR., A.M., LL.B., *Assistant Professor of Law*, 13 Chauncy St.
 ALBERT ANDREW HOWARD, PH.D., *Assistant Professor of Latin*, 8 Hilliard St.
 NATHANIEL THAYER KIDDER, B.A.S., *Instructor in Botany*, Milton.
 GEORGE LYMAN KITTREDGE, A.B., *Professor of English*, 9 Hilliard St.
 ROLAND THAXTER, PH.D., *Assistant Professor of Cryptogamic Botany*, 3 Scott St.
 SAMUEL WILLISTON, A.M., LL.B., *Assistant Professor of Law*, 45 Garden St.
 EDWARD CUMMINGS, A.M., *Assistant Professor of Sociology*, Irving St., cor. Scott St.
 ARTHUR RICHMOND MARSH, A.B., *Assistant Professor of Comparative Literature*, 49 Langdon St.
 HUGO MÜNSTERBERG, PH.D., M.D., *Professor of Experimental Psychology*, 38 Quincy St.
 HENRY LLOYD SMYTH, A.B., C.E., *Instructor in Geological Surveying*, 16 Oxford St.
 KENELM WINSLOW, B.A.S., M.D.V., M.D., *Assistant Professor of Veterinary Therapeutics*, 135 Vernon St., Newton.
 ERNEST LEE CONANT, A.M., LL.B., *Instructor in Law*, Claverly 18.
 LEWIS EDWARDS GATES, A.B., *Instructor in English*, M. 40.
 ROBERT TRACY JACKSON, S.D., *Instructor in Palaeontology*, 33 Gloucester St., Boston.
 JAMES LEE LOVE, A.M., *Instructor in Mathematics*, 27 Wallace St.
 MAX POLL, PH.D., *Instructor in German*, 44 Shepard St.
 WILLIAM TOWNSEND PORTER, M.D., *Assistant Professor of Physiology*, 257 Beacon St., Boston.
 ABBOTT LAWRENCE ROTCH, S.B., A.M., *Assistant in Meteorology*, Blue Hill Observatory, Readville.
 JOSEPH TORREY, JR., A.M., *Instructor in Chemistry*, 9 Shepard St.

FRANKLIN DEXTER, M.D., <i>Demonstrator of Anatomy,</i>	363 Beacon St., Boston.
JOHN HAYS GARDINER, A.B., <i>Instructor in English,</i>	G. 18.
HAMMOND LAMONT, A.B., <i>Instructor in English,</i>	8 James St.
WILLIAM FOGG OSGOOD, PH.D., <i>Assistant Professor of Mathematics,</i>	14 Centre St.
THEODORE WILLIAM RICHARDS, PH.D., <i>Assistant Professor of Chemistry,</i>	W. H. 52.
WALLACE CLEMENT SABINE, A.M., <i>Instructor in Physics,</i>	C't 17.
GEORGE SANTAYANA, PH.D., <i>Instructor in Philosophy,</i>	S. 7.
GEORGE PIERCE BAKER, A.B., <i>Instructor in English,</i>	50 Buckingham St.
GEORGE WELLS FITZ, M.D., <i>Assistant Professor of Physiology and Hygiene, and Medical Visitor,</i>	Claverly 11.
JEFFERSON BUTLER FLETCHER, A.M., <i>Instructor in English.</i>	
HERMAN WADSWORTH HAYLEY, PH.D., <i>Tutor in Latin,</i>	26 Mellen St.
BYRON SATTERLEE HURLBUT, A.M., <i>Instructor in English,</i>	H. 7.
LEWIS JEROME JOHNSON, A.B., C.E., <i>Instructor in Civil Engineering,</i>	100 Avon Hill St.
BENJAMIN LINCOLN ROBINSON, PH.D., <i>Curator of the Herbarium,</i>	38 Arlington St.
MAXIME BÔCHER, PH.D., <i>Assistant Professor of Mathematics,</i>	12 Shepard St.
WIRT ROBINSON, 1st LIEUT. 4th U. S. Artillery, <i>Instructor in Military Science,</i>	Hubbard Park.
CHARLES BENEDICT DAVENPORT, PH.D., <i>Instructor in Zoölogy,</i>	11 Francis Ave.
COMFORT AVERY ADAMS, JR., S.B., <i>Instructor in Electrical Engineering,</i>	13 Farrar St.

ANNUAL APPOINTMENTS FOR 1894-95.

Preachers to the University.*

JOHN HEYL VINCENT, D.D., LL.D.,	Topeka, Kansas.
JOSEPH ESTLIN CARPENTER, A.M.,	Wadsworth House.
E. WINCHESTER DONALD, D.D.,	233 Clarendon St., Boston.
SAMUEL MCHORD CROTHERS, A.B.,	6 Everett St.
PHILIP STAFFORD MOXOM, D.D.,	Springfield.

* The address of each of the Preachers during the term of his residence at the University is No. 1 Wadsworth House.

Harvard College, the Lawrence Scientific School, and the
Graduate School.

- DANIEL DENISON SLADE, A.B., M.D., *Lecturer on*
Comparative Osteology, Chestnut Hill.
- HUMPHRY WARD, A.M., *Lecturer on English Art in*
the Eighteenth Century, London, England.
- JOHN JOSEPH HAYES, *Instructor in Elocution,* 5 Story St.
- GEORGE STAPLES RICE, S.B., *Instructor in Sani-*
tary Engineering, 95 Milk St., Boston.
- WILLIAM EDWARD MCCLINTOCK, *Instructor in*
Highway Engineering, 15 Court Sq., Boston.
- JEAN ANTOINE MURE, A.B., M.D., *Instructor in*
French, Hotel Brunswick, Boston.
- JAMES GRAY LATHROP, *Instructor in Athletics,* 13 Avon St.
- ALPHONSE BRUN, Ph.B., *Instructor in French,* 32 Putnam Ave.
- ALFRED BULL NICHOLS, A.B., D.B., *Instructor in*
German, G. 5.
- CHARLES TOWNSEND COPELAND, AB., *Instructor*
in English, and Lecturer on English Literature, G. 24.
- HEINRICH CONRAD BIERWIRTH, Ph.D., *Instructor*
in German, W. 36.
- HENRY LIVINGSTON COAR, A.M., *Instructor in*
Mathematics and in German, 92 Wendell St.
- CHARLES CUTLER TORREY, Ph.D., *Instructor in*
Semitic Languages, Andover.
- ALPHONSE MARIN LA MESLÉE, *Instructor in*
French, 6 Mt. Auburn St.
- CHARLES HAMILTON ASHTON, A.M., *Instructor*
in Mathematics, 31 Maple Ave.
- ARCHIBALD CARY COOLIDGE, Ph.D., *Instructor in*
History, Ware 15.
- GEORGE HOWARD PARKER, S.D., *Instructor in*
Zöbology, 6 Avon Pl.
- RICHARD CLARKE MANNING, JR., A.M., *Instructor*
in Latin, Ware 43.
- FRANK BEVERLY WILLIAMS, A.M., *Instructor in*
Roman Law, T. 29.
- WILLIAM McMICHAEL WOODWORTH, Ph.D., *In-*
structor in Microscopical Anatomy, 149 Brattle St.
- IRVING BABBITT, A.M., *Instructor in French,* 65 Hammond St.
- LEON STACY GRISWOLD, A.B., *Instructor in*
Geology, 238 Boston St., Dorchester.

WILLIAM VAUGHAN MOSES, S.B., <i>Instructor in Drawing and Machine Design,</i>	41 Wendell St.
WILLIAM NICKERSON BATES, Ph.D., <i>Instructor in Greek,</i>	56 Dana St.
RAYMOND CALKINS, A.M., <i>Instructor in German,</i>	P. 44.
RICHARD ELWOOD DODGE, A.M., <i>Instructor in Geology,</i>	S. 22.
FREDERICK REDMAN CLOW, A.M., <i>Instructor in Political Economy,</i>	T. 7.
JOHN CUMMINGS, Ph.D., <i>Instructor in Political Economy,</i>	H'y 20.
FRED NORRIS ROBINSON, Ph.D., <i>Instructor in English,</i>	H'ke 33.
DANIEL LAWRENCE TURNER, C.E., <i>Instructor in Surveying and Railroad Engineering,</i>	P. 27.
JAY BACKUS WOODWORTH, S.B., <i>Instructor in Geology,</i>	7 Rutland St.
LIONEL SIMEON MARKS, M.E., <i>Instructor in Mechanical Engineering,</i>	48 Irving St.
GEORGE OLE VIRTUE, A.M., <i>Instructor in Political Economy,</i>	T. 7.
CHARLES LOWELL YOUNG, A.B., <i>Instructor in English,</i>	M. 7.
GEORGE FREDERICK NEWTON, <i>Instructor in Designing and Drawing,</i>	Music Hall Building, Boston.

Divinity School.

JOHN WESLEY CHURCHILL, A.M., <i>Instructor in Elocution,</i>	Andover.
GEORGE FOOT MOORE, A.M., D.D., <i>Lecturer on the Hebrew Religion and Literature,</i>	Andover.

Law School.

FREDERICK PERRY FISH, A.B., <i>Lecturer on Patent Law,</i>	15 Everett St.
FRANK BREWSTER, A.M., LL.B., <i>Instructor in the Peculiarities of Massachusetts Law and Practice,</i>	39 Court St, Boston.

Medical School.

THEODORE WILLIS FISHER, M.D., <i>Lecturer on Mental Diseases,</i>	Boston Lunatic Hospital, So. Boston.
SAMUEL HOLMES DURGIN, M.D., <i>Lecturer on Hygiene,</i>	175 Newbury St., Boston.

- HENRY PARKER QUINCY, A.M., M.D., *Instructor in Histology*, Dedham.
- ELBRIDGE GERRY CUTLER, A.B., M.D., *Instructor in the Theory and Practice of Physic*, 214 Beacon St., Boston.
- FRANCIS HENRY DAVENPORT, A.B., M.D., *Instructor in Gynaecology*, 372 Marlborough St., Boston.
- EDWARD MARSHALL BUCKINGHAM, M.D., *Instructor in Diseases of Children*, 53 Worcester St., Boston.
- ARTHUR TRACY CABOT, A.M., M.D., *Instructor in Genito-urinary and Clinical Surgery*, 3 Marlborough St., Boston.
- WILLIAM WHITWORTH GANNETT, A.B., M.D., *Instructor in Clinical Medicine*, 274 Marlborough St., Boston.
- CHARLES FRANCIS WITHINGTON, A.B., M.D., *Instructor in Clinical Medicine*, 1 Elm Hill Ave., Roxbury.
- SAMUEL JASON MIXTER, S.B., M.D., *Instructor in Surgery*, 180 Marlborough St., Boston.
- FRANCIS SEDGWICK WATSON, A.B., M.D., *Instructor in Genito-urinary Surgery*, 263 Clarendon St., Boston.
- HERMAN FRANK VICKERY, A.B., M.D., *Instructor in Clinical Medicine*, 263 Beacon St., Boston.
- WILLIAM MERRITT CONANT, A.B., M.D., *Instructor in Anatomy*, 252 Newbury St., Boston.
- FRANZ PFAFF, Ph.D., M.D., *Instructor in Physiology*, 153 Huntington Ave., Boston.
- FRANK BURR MALLORY, A.M., M.D., *Instructor in Pathology*, Harvard Medical School, Boston.

CLINICAL INSTRUCTORS.

- JOHN HOMANS, A.B., M.D., *in the Diagnosis and Treatment of Ovarian Tumors*, 164 Beacon St., Boston.
- EDWARD COWLES, A.M., M.D., LL.D., *in Mental Diseases*, McLean Hospital, Somerville.
- FRANCIS BOOTT GREENOUGH, A.M., M.D., *in Syphilis*, 10 Charles St., Boston.
- GEORGE WASHINGTON GAY, M.D., *in Surgery*, 665 Boylston St., Boston.
- ABNER POST, A.B., M.D., *in Syphilis*, 16 Newbury St., Boston.
- THOMAS AMORY DEBLOIS, M.D., *in Laryngology*, 372 Marlborough St., Boston.
- JOHN WOODFORD FARLOW, A.B., M.D., *in Laryngology*, 234 Clarendon St., Boston.
- GEORGE LINCOLN WALTON, A.B., M.D., *in Diseases of the Nervous System*, 199 Marlborough St., Boston.
- PHILIP COOMBS KNAPP, A.M., M.D., *in Diseases of the Nervous System*, 83 Marlborough St., Boston.

- ALGERNON COOLIDGE, JR., A.B., M.D., in *Laryngology*, 1 Exeter St., Boston.
 FREDERICK EDWARD CHENEY, M.D., in *Ophthalmoscopy*, Hotel Bristol, Copley Sq., Boston.
 GEORGE HAMLIN WASHBURN, A.B., M.D., in *Gynaecology*, 302 Marlborough St., Boston.
 WALTER LINCOLN BURRAGE, A.M., M.D., in *Gynaecology*, 317 Marlborough St., Boston.

Dental School.

- GEORGE HOWARD MONKS, A.B., M.D., *Instructor in Surgical Pathology*, 405 Boylston St., Boston.
 GEORGE LINCOLN WALTON, A.B., M.D., *Instructor in Neurology*, 199 Marlborough St., Boston.

INSTRUCTORS IN OPERATIVE DENTISTRY.

- EZRA FLETCHER TAFT, A.B., D.M.D., 15 Brattle St.
 FORREST GREENWOOD EDDY, D.M.D., Providence, R. I.
 EDWIN CARTER BLAISDELL, D.M.D., Portsmouth, N. H.
 HENRY WEBSTER GILLET, D.M.D., Newport, R. I.
 WALDO ELIAS BOARDMAN, D.M.D., and *Curator of Dental Museum*, 184 Boylston St., Boston.
 FREDERICK BRADLEY, D.M.D., Newport, R. I.
 HENRY LAURISTON UPHAM, D.M.D., 128 Charles St., Boston.
 ELLIS PROCTOR HOLMES, D.M.D., Stoughton.
 CHARLES MANNING KEEP, M.D., D.M.D., 235 Marlborough St., Boston.
 FREDERICK SYLVANUS HOPKINS, D.M.D., 161 Newbury St., Boston.
 CHARLES ERNEST PERKINS, D.M.D., Brockton.
 FRANK TURNER TAYLOR, D.M.D., 349 Broadway, So. Boston.

INSTRUCTORS IN MECHANICAL DENTISTRY.

- ARTHUR HENRY STODDARD, D.M.D., 196 Marlborough St., Boston.
 ARTHUR JUDSON OLDHAM, D.M.D., 2 Commonwealth Ave., Boston.
 HARRY OLIVER BIXBY, D.M.D., 234 North Ave.
 ARTHUR WARREN ELDRED, D.M.D., Worcester.
 FRED HOMER WOODCOCK, D.M.D., 2 Park Sq., Boston.
 HARRY SNOW PARSONS, M.D., D.M.D., 3 Park St., Boston.

CLINICAL LECTURERS IN OPERATIVE DENTISTRY.

- WILLIAM HENRY POTTER, A.B., D.M.D., 254 Warren St., Boston.
 DWIGHT MOSES CLAPP, D.M.D., 62 Trinity Ter., Copley Sq., Boston.

School of Veterinary Medicine.

- LESTER HEARD HOWARD, D.V.S., *Clinical Lecturer*, 67 West Newton St., Boston.
 WILLIAM ORISON UNDERWOOD, A.B., *Lecturer on Warrant and Evidence*, 50 Atlantic Terrace, Lynn.
 FRANK INGERSOLL PROCTOR, A.M., M.D., *Instructor in Ophthalmology*, 259 Beacon St., Boston.
 WESLEY LEVI LA BAW, D.V.S., *Demonstrator of Anatomy and Assistant Surgeon, and Curator of the Veterinary Museum*, 50 Village St., Boston.
 ALEXANDER BURR, M.D.V., *Instructor in Meat Inspection*, 548 Tremont St., Boston.
 GEORGE BROWN FOSS, M.D.V., *Lecturer on Diseases of Dogs, and Resident Hospital Surgeon*, 50 Village St., Boston.

DEPARTMENT LIBRARIANS, AND LIBRARY ASSISTANTS.*

- SYLVESTER ROSA KOEHLER, A.M., *Curator of the John Witt Randall Collection of Engravings*, 33 Beech Glen St., Roxbury.
 JOHN HIMES ARNOLD, *Librarian of the Law School*, 10 Frisbie Pl.
 THOMAS J KIERNAN, A.M., *Superintendent of Circulation in the College Library*, 25 Trowbridge St.
 ROBERT SWAIN MORISON, A.M., D.B., *Librarian of the Divinity School, and Secretary of the Divinity Faculty*, 34 Shepard St.
 JOHN HUMPHREYS STORER, A.B., LL.B., *Curator of Coins in the College Library*, 85 State St., Boston.

ASSISTANTS IN THE COLLEGE LIBRARY.

- ALFRED CLAGHORN POTTER, A.B., *in charge of Ordering Department*, 12 Mt. Auburn St.
 WILLIAM GARROTT BROWN, A.M., *in charge of University Archives*, Read's Block 24.
 FRANK CARNEY, *in charge of Shelves*, Warland 3.

DEMONSTRATORS, ASSISTANTS, AND PROCTORS.

- JOHN HILDRETH McCOLLOM, M.D., *Assistant in Bacteriology*, 12 Newbury St., Boston.
 CHARLES EDWARD FAXON, S.B., *Assistant in the Arnold Arboretum*, Jamaica Plain.

* Appointed by the Corporation.

- OLIVER CLINTON WENDELL, A.M., *Assistant in the Observatory*, 74 Vassal Lane.
- JOHN RAYNER EDMANDS, S.B., *Assistant in the Observatory*, 61 Garden St.
- JOHN BAKER SWIFT, A.M., M.D., *Assistant in Gynaecology*, 11 Gloucester St., Boston.
- VINCENT YARDLEY BOWDITCH, A.B., M.D., *Assistant in Clinical Medicine*, 719 Boylston St., Boston.
- GEORGE HOWARD MONKS, A.B., M.D., *Assistant in Clinical and Operative Surgery*, 405 Boylston St., Boston.
- MYLES STANDISH, A.M., M.D., *Assistant in Ophthalmology*, 200 Dartmouth St., Boston.
- WILLIAM MERRITT CONANT, A.B., M.D., *Assistant in Clinical Surgery*, 252 Newbury St., Boston.
- EDWARD HALE, A.B., B.D., *Assistant in Homiletics*, East Orange, N. J.
- BENJAMIN RAND, Ph.D., *Assistant in Philosophy*, 22 Plympton St.
- GEORGE HAVEN, M.D., *Assistant in Obstetrics*, 1 Exeter St., Boston.
- GEORGE GRAY SEARS, A.B., M.D., *Assistant in Clinical Medicine*, 17 Marlborough St., Boston.
- ROBERT WILLIAMSON LOVETT, A.B., M.D., *Assistant in Clinical Surgery*, 379 Boylston St., Boston.
- JOHN CUMMINGS MUNRO, A.B., M.D., *Assistant Demonstrator of Anatomy, and Assistant in Clinical Surgery*, 173 Beacon St., Boston.
- EDWARD REYNOLDS, A.B., M.D., *Assistant in Obstetrics*, 130 Marlborough St., Boston.
- ARTHUR BLISS SEYMOUR, S.M., *Assistant in the Cryptogamic Herbarium*, University Museum.
- CHARLES WENDELL TOWNSEND, A.B., M.D., *Assistant in Obstetrics*, 61 Chestnut St., Boston.
- CHARLES LOCKE SCUDDER, A.B., Ph.B., M.D., *Demonstrator of Surgical Apparatus, and Assistant in Clinical Surgery*, 1 Marlborough St., Boston.
- ARTHUR KINGSBURY STONE, A.M., M.D., *Assistant in Bacteriology*, 220 Clarendon St., Boston.
- BENJAMIN TENNEY, A.M., M.D., *Assistant in Anatomy*, 308 Marlborough St., Boston.
- CHARLES POMEROY WORCESTER, A.B., M.D., *Assistant in Chemistry, and Secretary of the Medical Faculty*, 688 Boylston St., Boston.
- WILLIAM SOHIER BRYANT, A.M., M.D., *Assistant in Otology*, 1 Charles Gate East, Boston.
- EDWARD MILLER GREENE, A.M., M.D., *Assistant in Histology*, 49 Hancock St., Boston.

- JAMES OSCAR JORDAN, Ph.G., *Assistant in Materia Medica*, 994 Washington St., Boston.
- PAUL THORNDIKE, A.B., M.D., *Assistant in Clinical Surgery*, 80 Marlborough St., Boston.
- HOLLIS WEBSTER, A.M., *Proctor*, H'ke 7.
- HERBERT VAUGHAN ABBOTT, A.B., *Assistant in English*, P. 77.
- JOHN WHEELER BEMIS, A.B., *Assistant in Architecture*, 1 Walker St.
- ARTHUR PATTERSON CHADBOURNE, A.B., M.D., *Demonstrator of Experimental Therapeutics and Pharmacology*, 225 Marlborough St., Boston.
- GEORGE ARTHUR CRAIGIN, A.M., M.D., *Assistant in Diseases of Children*, 405 Marlborough St., Boston.
- WILLIAM HERBERT PRESCOTT, M.D., *Assistant in Pathology*, 285 Marlborough St., Boston.
- PATRICK WILLIAM MORIARTY, D.M.D., *Demonstrator of Mechanical Dentistry*, Fields Corner, Boston.
- JOHN LINCOLN AMES, A.B., M.D., *Assistant in Histology*, 92 A Pinckney St., Boston.
- WILLIAM ALLEN BROOKS, A.M., M.D., *Assistant in Anatomy*, 10 Exeter St., Boston.
- AUGUSTUS SMITH KNIGHT, A.B., M.D., *Assistant in Clinical Medicine*, 295 Beacon St., Boston.
- EDWARD IRVING MANLEY, A.M., *Proctor*, C. 56.
- PAUL ELMER MORE, A.M., *Assistant in Indo-Iranian Languages*, 32 Wendell St.
- ARTHUR HOWARD WENTWORTH, M.D., *Assistant in Diseases of Children*, 10 Exeter St., Boston.
- EUGENE THOMAS ALLEN, Ph.D., *Assistant in Chemistry*, Arlington.
- FRED BRYCE JEWETT, A.B., M.D., *Assistant in Physiology and Hygiene*, 8 Myrtle St., Malden.
- JOSEPH TOTTEN PAUL, D.M.D., *Demonstrator of Operative Dentistry*, 157 Newbury St., Boston.
- CHARLES ALLEN PORTER, A.M., M.D., *Assistant in Anatomy*, 24 Marlborough St., Boston.
- EDWARD WYLLYS TAYLOR, A.B., M.D., *Assistant in Pathology*, 122 Marlborough St., Boston.
- ALEXANDER BURR, M.D.V., *Assistant in Bacteriology*, 548 Tremont St., Boston.
- GEORGE DAVIS CHASE, A.B., *Proctor*, 25 Holyoke St.
- ROBERT DECOURCY WARD, A.M., *Assistant in Meteorology*, 415 Beacon St., Boston.
- NATHAN PRINDLE WYLLIE, D.M.D., *Assistant Demonstrator of Operative Dentistry*, 159 Newbury St., Boston.

FRANK COLE BABBITT, A.M., <i>Proctor</i> ,	Felton Building 18.
JOHN HENRY BOYNTON, A.M., <i>Assistant in English</i> ,	S. 21.
EUGENE ABRAHAM DARLING, A.M., M.D., <i>Assistant in Bacteriology</i> ,	1603 Mass. Ave.
GEORGE AMOS DORSEY, Ph.D., <i>Assistant in Anthropology</i> ,	Peabody Museum.
CHARLES ROCHESTER EASTMAN, Ph.D., <i>Assistant in Palaeontology</i> ,	354 Brookline St.
CLAUDE PERRY JONES, M.D., <i>Assistant in Chemistry</i> ,	43 Falmouth St., Boston.
JAY BERGEN OGDEN, M.D., <i>Assistant in Chemistry</i> ,	38 St. Botolph St., Boston.
JAMES HOMER WRIGHT, A.M., M.D., <i>Assistant in Pathology</i> ,	38 St. Botolph St., Boston.
SIDNEY CALVERT, B.A.S., A.M., <i>Proctor</i> ,	Warland Block 13.
FRANK DYER CHESTER, Ph.D., <i>Assistant in Semitic Languages</i> ,	Hotel Bristol, Copley Sq., Boston.
HENRY IRVING CUMMINGS, A.B., <i>Proctor</i> ,	Felton Building 18.
FREDERIC SPAULDING DELUE, M.D., <i>Assistant in Histology</i> ,	719 Boylston St., Boston.
WILLIAM FENWICK HARRIS, A.M., <i>Assistant in Classics</i> ,	96 Brattle St.
LEWIS KENNEDY MORSE, A.B., <i>Proctor</i> ,	T. 54.
WILLARD REED, A.B., <i>Proctor</i> ,	D. 15.
HERBERT MAULE RICHARDS, S.B., <i>Assistant in Botany</i> ,	W. II. 52.
HARRIS EASTMAN SAWYER, A.M., <i>Assistant in Chemistry</i> ,	P. 47.
HOWARD BURTON SHAW, A.M., <i>Assistant in Electrical Engineering</i> ,	P. 47.
REGINALD ALDWORTH DALY, A.M., <i>Assistant in Geology</i> ,	P. 60.
FREDERICK LEVY DUNLAP, S.B., <i>Assistant in Chemistry</i> ,	6 Mason St.
WILLIAM PRESTON FEW, A.M., <i>Proctor</i> ,	Read's Block 24.
WILLARD PEABODY GERRISH, <i>Assistant in the Observatory</i> ,	2 Hartwell St., Roxbury.
PERLEY LEONARD HORNE, A.M., <i>Assistant in History</i> ,	18 Ellery St.
HERBERT LYON JONES, S.M., A.M., <i>Assistant in Botany</i> ,	C. 5.
FRANCIS STEWART KERSHAW, Ph.B., <i>Proctor</i> ,	M. 7.
EDGAR PIERCE, A.M., <i>Assistant in Psychology</i> ,	404 Harvard St.
FREDERICK WILSON TRUSCOTT, A.M., <i>Proctor</i> ,	28 Holyoke St.
SIDNEY MILLER BALLOU, A.B., <i>Proctor</i> ,	Little's Block 7.

EVERETT PASCOE CAREY, A.B., S.B., <i>Proctor</i> ,	C. 17.
WILLIAM ERNEST CASTLE, A.M., <i>Proctor</i> ,	C. 5.
WILLIAM DUANE, A.B., <i>Assistant in Physics</i> ,	23 Ware St.
JOHN EDGAR EATON, A.B., <i>Proctor</i> ,	Hilton Block 4.
FRANK EDGAR FARLEY, A.M., <i>Assistant in English</i> ,	G. 36.
FRANK BERNARD GALLIVAN, A.B., <i>Assistant in Chemistry</i> ,	113 Third St., So. Boston.
JESSE MORE GREENMAN, S.B., <i>Assistant in the Herbarium</i> ,	C't 18.
THOMAS HALL, JR., A.B., <i>Assistant in English</i> ,	Little's Block 18.
JOHN GODDARD HART, A.M., <i>Assistant in English</i> ,	Little's Block 18.
FREDERICK CHASE McLAUGHLIN, A.B., <i>Assistant in Physics</i> ,	Read's Block 4.
WILLIAM JOSEPH MILLER, A.B., <i>Proctor</i> ,	Trinity Building 10.
WILLIAM VAUGHN MOODY, A.M., <i>Assistant in English</i> ,	G. 43.
HERBERT VINCENT NEAL, A.M., <i>Proctor</i> ,	Shepherd Block 2.
FRANK CHARLES SCHRADER, S.M., A.M., <i>Proctor</i> ,	C. 17.
ENOCH HOWARD VICKERS, A.M., <i>Assistant in History</i> ,	C. 51.
OSWALD GARRISON VILLARD, A.B., <i>Assistant in History</i> ,	65 Mt. Auburn St.
GEORGE PARKER WINSHIP, A.M., <i>Assistant in History</i> ,	Hilton Block 23.
JOSEPH WILLIAM BLANKINSHIP, A.B., <i>Assistant in the Botanical Museum</i> ,	11 Line St.
LINESAY TODD DAMON, A.B., <i>Assistant in English</i> ,	S. 21.
ROBERT JAY FORSYTHE, A.B., <i>Assistant in Chemistry</i> ,	44 Brattle St.
LEWIS DANA HILL, A.B., <i>Assistant in Physics</i> ,	366 Harvard St.
MARTIN HILL ITTNER, Ph.B., S.B., <i>Assistant in Chemistry</i> ,	92 Wendell St.
ARTHUR NEWHALL JOHNSON, S.B., <i>Assistant in Drawing and Descriptive Geometry</i> ,	D. 27.
JAMES EDWIN LOUGH, A.M., <i>Assistant in Psychology</i> ,	5 Linden St.
GEORGE OENSLAGER, A.B., <i>Assistant in Chemistry</i> ,	T. 24.
MACY MILLMORE SKINNER, A.B., <i>Assistant in Semitic Languages</i> ,	12 Mt. Auburn St.
JAMES SULLIVAN, JR., <i>Assistant in History</i> ,	C. 56.
CHARLES T WENTWORTH, A.B., <i>Assistant in History</i> ,	T. 59.
MARTIN MOWER, <i>Assistant in Fine Arts</i> ,	54 Garden St.
CHAUNCY RUSCH PERRY, <i>Assistant in Surveying and Drawing</i> ,	90 Hammond St.

CHARLES LIVY WHITTLE, <i>Assistant in Mineralogy,</i>	90 Hammond St.
ALONZO MCGEE COLLETTE, <i>Assistant in Botanical Museum,</i>	17 Mellen St.
GIFFORD LECLEAR, <i>Assistant in Physics,</i>	G. 45.
JOHN PERCIVAL SYLVESTER, <i>Assistant in Chemistry,</i>	M. 56.

OTHER OFFICERS.*

ALLEN DANFORTH, A.M., <i>Deputy Treasurer,</i>	12 Mt. Vernon St., Boston.
CHARLES FRANK MASON, A.B., <i>Bursar,</i>	Wadsworth House.
ARTHUR GORHAM DAVIS, <i>Keeper of Corporation Accounts and Records,</i>	50 State St., Boston.
JOHN BERTRAM WILLIAMS, A.B., <i>Publication Agent, and Editor of the University Catalogue,</i>	University 2.
LEONARD DWINNELL GARFIELD, <i>Superintendent of Buildings,</i>	37 Irving St.
GEORGE WASHINGTON CRAM, A.B., <i>Recorder,</i>	W. 7.
RICHARD COBB, A.B., <i>Assistant Secretary,</i>	University 5.
MONTAGUE CHAMBERLAIN, <i>Secretary of Lawrence Scientific School,</i>	Quincy Building 6.
BENJAMIN FRANKLIN MILLS, <i>Stenographer,</i>	55 Ellery St.
ALEXANDER WINTHROP POPE, <i>Clerk in Treasurer's Office,</i>	50 State St., Boston.
JOHN LEWIS TAYLOR, <i>Clerk in Bursar's Office,</i>	Wadsworth House.
FREDERICK WILLIAM WEINSCHENK, <i>University Printer,</i>	35 Trowbridge St.
ALBERT CHAMBERLAIN CLARKE, <i>Assistant Recorder,</i>	Arlington Heights.
EDMUND HERSEY, <i>Superintendent of the Bussey Farm,</i>	Bussey Farm, Roslindale.
WILLIAM HARTWELL EVELETH, <i>Superintendent of Grounds,</i>	18 Martin St.
WILLIAM HENRY CUTLER, <i>Janitor,</i>	Massachusetts Hall.

LYMAN BEECHER FISK, A.B., <i>Auditor of the Dining Association,</i>	Memorial Hall.
CHARLES MILTON READE, A.B., <i>Auditor of Foxcroft Club,</i>	S. 19.
JEREMIAH JOSEPH SULLIVAN, <i>Steward of the Dining Hall,</i>	80 Inman St.

* Appointed by the Corporation.

DEPARTMENTS OF HARVARD UNIVERSITY.

The University comprehends the following departments :—

HARVARD COLLEGE,
THE LAWRENCE SCIENTIFIC SCHOOL,
THE GRADUATE SCHOOL,
THE DIVINITY SCHOOL,
THE LAW SCHOOL,
THE MEDICAL SCHOOL,
THE DENTAL SCHOOL,
THE SCHOOL OF VETERINARY MEDICINE,
THE BUSSEY INSTITUTION (a School of Agriculture),
THE ARNOLD ARBORETUM,
THE UNIVERSITY LIBRARY,
THE MUSEUM OF COMPARATIVE ZOÖLOGY,
THE UNIVERSITY MUSEUM,
THE BOTANIC GARDEN,
THE HERBARIUM,
THE ASTRONOMICAL OBSERVATORY.
THE PEABODY MUSEUM OF AMERICAN ARCHAEOLOGY AND ETHNOLOGY
is a constituent part of the University; but its relations to it are
affected by peculiar provisions.

☞ Students in regular standing in any one department of the University are admitted free to the instruction and the examinations given in any other department, with the exception of exercises carried on in the special laboratories. (This rule does not apply to Special Students unless they pay the full fee of \$150 a year.)

☞ Requests for recent examination papers, descriptive pamphlets, or detailed information regarding any department of the University, should be addressed to the Secretary of Harvard University, 5 University Hall, Cambridge.

FACULTY OF ARTS AND SCIENCES.

FACULTY.

CHARLES W. ELIOT, LL.D., *President.*

CHARLES F. DUNBAR, LL.D., *Dean, and Professor of Political Economy.*

JOSIAH D. WHITNEY, LL.D., *Professor of Geology.*

FRANCIS J. CHILD, PH.D., LL.D., *Professor of English.*

CHARLES E. NORTON, LITT.D., LL.D., *Professor of the History of Art.*

CHARLES C. EVERETT, D.D., LL.D., *Dean of the Divinity Faculty, and Professor of Theology.*

WILLIAM W. GOODWIN, PH.D., LL.D., D.C.L., *Professor of Greek Literature.*

FERDINAND BÔCHER, A.M., *Professor of Modern Languages.*

ADAMS S. HILL, A.B., LL.B., *Professor of Rhetoric and Oratory.*

JAMES M. PEIRCE, A.M., *Dean of the Graduate School, and Professor of Mathematics.*

JAMES B. GREENOUGH, A.B., *Professor of Latin.*

CRAWFORD H. TOY, LL.D., *Professor of Hebrew.*

JOHN K. PAINE, A.M., MUS.D., *Professor of Music.*

GEORGE L. GOODALE, M.D., LL.D., *Professor of Natural History, and Director of the Botanic Garden.*

CHARLES H. MOORE, A.M., *Assistant Professor of Design in the Fine Arts.*

FREDERICK W. PUTNAM, A.M., S.D., *Professor of Archaeology and Ethnology, and Curator of the Peabody Museum.*

NATHANIEL S. SHALER, S.D., *Dean of the Lawrence Scientific School, and Professor of Geology.*

FREDERIC D. ALLEN, PH.D., *Professor of Classical Philology.*

CLEMENT L. SMITH, LL.D., *Professor of Latin.*

GEORGE H. PALMER, A.M., LL.D., *Professor of Philosophy.*

JOHN TROWBRIDGE, S.D., *Professor of Physics, and Director of the Jefferson Physical Laboratory.*

GEORGE A. BARTLETT, A.M., *Regent, and Associate Professor of German.*

WILLIAM G. FARLOW, A.M., M.D., *Professor of Cryptogamic Botany.*

- WILLIAM JAMES, M.D., PH.D. et LITT.D., *Professor of Psychology.*
 CHARLES L. JACKSON, A.M., *Professor of Chemistry.*
 FRÉDÉRIC C. DE SUMICHRAST, *Assistant Professor of French.*
 JOHN W. WHITE, PH.D., *Professor of Greek.*
 WILLIAM M. DAVIS, M.E., *Professor of Physical Geography.*
 HENRY B. HILL, A.M., *Professor of Chemistry, and Director of*
Chemical Laboratory.
 FRANCIS G. PEABODY, D.D., *Professor of Christian Morals.*
 WILLIAM E. BYERLY, PH.D., *Professor of Mathematics.*
 EPHRAIM EMERTON, PH.D., *Professor of Ecclesiastical History.*
 CHARLES R. LANMAN, PH.D., *Professor of Sanskrit.*
 EDWARD L. MARK, PH.D., *Professor of Anatomy.*
 EDWARD S. SHELDON, A.B., *Professor of Romance Philology.*
 SILAS M. MACVANE, A.B., *Professor of History.*
 ROBERT W. WILLSON, PH.D., *Instructor in Astronomy.*
 JOHN H. WRIGHT, A.M., *Professor of Greek.*
 ROBERT L. SANDERSON, *Assistant Professor of French.*
 LE BARON R. BRIGGS, A.M., *Dean of Harvard College, and Professor*
of English.
 KUNO FRANCKE, PH.D., *Assistant Professor of German Literature.*
 EDWIN H. HALL, PH.D., *Assistant Professor of Physics.*
 DAVID G. LYON, PH.D., *Professor of Divinity, and Curator of the*
Semitic Museum.
 JOSIAH ROYCE, PH.D., *Professor of the History of Philosophy.*
 PHILIPPE B. MARCOU, PH.D., *Instructor in Romance Languages.*
 CHARLES P. PARKER, A.B., *Instructor in Greek and Latin.*
 BENJAMIN O. PEIRCE, PH.D., *Professor of Mathematics and*
Natural Philosophy.
 HANS C. G. VON JAGEMANN, PH.D., *Assistant Professor of Ger-*
manic Philology.
 BARRETT WENDELL, A.B., *Assistant Professor of English.*
 EDWARD CHANNING, PH.D., *Assistant Professor of History.*
 CHARLES GROSS, PH.D., *Assistant Professor of History.*
 PAUL H. HANUS, S.B., *Assistant Professor of the History and Art*
of Teaching.
 IRA N. HOLLIS, *Professor of Engineering.*
 HUGO K. SCHILLING, PH.D., *Assistant Professor of German.*
 FRANK W. TAUSSIG, LL.B., PH.D., *Professor of Political Economy.*
 JOHN E. WOLFF, PH.D., *Assistant Professor of Petrography.*
 ALBERT B. HART, PH.D., *Assistant Professor of History.*
 H. LANGFORD WARREN, *Assistant Professor of Architecture.*
 WILLIAM J. ASHLEY, A.M., *Professor of Economic History.*
 MORRIS H. MORGAN, PH.D., *Assistant Professor of Greek and Latin.*

- ALBERT A. HOWARD, PH.D., *Assistant Professor of Latin.*
 GEORGE L. KITTREDGE, A.B., *Professor of English.*
 ROLAND THAXTER, PH.D., *Assistant Professor of Cryptogamic Botany.*
 EDWARD CUMMINGS, A.M., *Assistant Professor of Sociology.*
 ARTHUR R. MARSH, A.B., *Assistant Professor of Comparative Literature.*
 HUGO MÜNSTERBERG, PH.D., M.D., *Professor of Experimental Psychology.*
 HENRY L. SMYTHE, A.B., C.E., *Instructor in Geological Surveying.*
 ERNEST L. CONANT, A.M., LL.B., *Instructor in Law.*
 LEWIS E. GATES, A.B., *Instructor in English.*
 ROBERT T. JACKSON, S.D., *Instructor in Palaeontology.*
 JAMES L. LOVE, A.M., *Instructor in Mathematics.*
 MAX POIL, PH.D., *Instructor in German.*
 JOSEPH TORREY, Jr., A.M., *Instructor in Chemistry.*
 JOHN H. GARDINER, A.B., *Instructor in English.*
 HAMMOND LAMONT, A.B., *Instructor in English.*
 WILLIAM F. OSGOOD, PH.D., *Assistant Professor of Mathematics.*
 THEODORE W. RICHARDS, PH.D., *Assistant Professor of Chemistry.*
 WALLACE C. SABINE, A.M., *Instructor in Physics.*
 GEORGE SANTAYANA, PH.D., *Instructor in Philosophy.*
 GEORGE P. BAKER, A.B., *Instructor in English.*
 GEORGE W. FITZ, M.D., *Assistant Professor of Physiology and Hygiene, and Medical Visitor.*
 JEFFERSON B. FLETCHER, A.M., *Instructor in English.*
 HERMAN W. HAYLEY, PH.D., *Tutor in Latin.*
 BYRON S. HURLBUT, A.M., *Instructor in English.*
 LEWIS J. JOHNSON, A.B., C.E., *Instructor in Civil Engineering.*
 MAXIME BÔCHER, PH.D., *Assistant Professor of Mathematics.*
 CHARLES B. DAVENPORT, PH.D., *Instructor in Zoölogy.*
 COMFORT A. ADAMS, Jr., S.B., *Instructor in Electrical Engineering.*

OTHER INSTRUCTORS, AND ASSISTANTS.

- DANIEL D. SLADE, A.B., M.D., *Lecturer on Comparative Osteology.*
 JOHN J. HAYES, *Instructor in Elocution.*
 GEORGE S. RICE, S.B., *Instructor in Sanitary Engineering.*
 WILLIAM E. McCLINTOCK, *Instructor in Highway Engineering.*
 JEAN ANTOINE MURE, A.B., S.B., M.D., *Instructor in French.*
 JAMES G. LATHROP, *Instructor in Athletics.*
 ALPHONSE BRUN, PH.B., *Instructor in French.*

- BENJAMIN RAND, PH.D., *Assistant in Philosophy.*
ALFRED B. NICHOLS, A.B., D.B., *Instructor in German.*
CHARLES T. COPELAND, A.B., *Instructor in English, and Lecturer on English Literature.*
H. CONRAD BIERWIRTH, PH.D., *Instructor in German.*
HERBERT V. ABBOTT, A.B., *Assistant in English.*
JOHN W. BEMIS, A.B., *Assistant in Architecture.*
A. LAWRENCE ROTCH, S.B., A.M., *Assistant in Meteorology.*
HENRY L. COAR, A.M., *Instructor in Mathematics and German.*
A. MARIN MESLÉE, A.B., *Instructor in French.*
CHARLES H. ASHTON, A.M., *Instructor in Mathematics.*
ARCHIBALD C. COOLIDGE, PH.D., *Instructor in History.*
PAUL E. MORE, A.M., *Assistant in Indo-Iranian Languages.*
GEORGE H. PARKER, S.D., *Instructor in Zoölogy.*
EUGENE T. ALLEN, PH.D., *Assistant in Chemistry.*
WILDER D. BANCROFT, PH.D., *Instructor in Chemistry.*
FRED B. JEWETT, A.B., M.D., *Assistant in Physiology and Hygiene.*
RICHARD C. MANNING, A.M., *Instructor in Latin.*
WIRT ROBINSON, LIEUT. U. S. A., *Instructor in Military Science.*
FRANK B. WILLIAMS, A.M., *Instructor in Roman Law.*
WILLIAM McM. WOODWORTH, PH.D., *Instructor in Microscopical Anatomy.*
IRVING BABBITT, A.M., *Instructor in French.*
LEON S. GRISWOLD, A.B., *Instructor in Geology.*
WILLIAM V. MOSES, S.B., *Instructor in Drawing and Machine Design.*
ROBERT DeC. WARD, A.M., *Assistant in Meteorology.*
WILLIAM N. BATES, PH.D., *Instructor in Greek.*
JOHN H. BOYNTON, A.M., *Assistant in English.*
RAYMOND CALKINS, A.M., *Instructor in German.*
RICHARD E. DODGE, A.M., *Instructor in Geology.*
GEORGE A. DORSEY, PH.D., *Assistant in Anthropology.*
CHARLES R. EASTMAN, PH.D., *Assistant in Palaeontology.*
FRANK D. CHESTER, PH.D., *Assistant in Semitic Languages.*
FREDERICK R. CLOW, A.M., *Instructor in Political Economy.*
JOHN CUMMINGS, PH.D., *Instructor in Political Economy.*
WILLIAM F. HARRIS, A.M., *Assistant in Classics.*
HERBERT M. RICHARDS, S.B., *Assistant in Botany.*
FRED N. ROBINSON, PH.D., *Instructor in English.*
HARRIS E. SAWYER, A.M., *Assistant in Chemistry.*
HOWARD B. SHAW, E.B., A.M., *Assistant in Electrical Engineering.*
DANIEL L. TURNER, C.E., *Instructor in Surveying and Railroad Engineering.*

- JAY B. WOODWORTH, S.B., *Assistant in Geology.*
REGINALD A. DALY, S.B., A.M., *Assistant in Geology.*
FREDERICK L. DUNLAP, S.B., *Assistant in Chemistry.*
PERLEY L. HORNE, A.B., *Assistant in History.*
HERBERT L. JONES, A.M., S.M., *Assistant in Botany.*
LIONEL S. MARKS, M.E., *Instructor in Mechanical Engineering.*
EDGAR PIERCE, A.M., *Assistant in Psychology.*
GEORGE O. VIRTUE, A.M., *Instructor in Political Economy.*
WILLIAM DUANE, A.B., *Assistant in Physics.*
FRANK E. FARLEY, A.M., *Assistant in English.*
FRANK B. GALLIVAN, A.B., *Assistant in Chemistry.*
JESSE M. GREENMAN, S.B., *Assistant in the Herbarium.*
THOMAS HALL, Jr., A.B., *Assistant in English.*
JOHN G. HART, A.M., *Assistant in English.*
FREDERICK C. McLAUGHLIN, A.B., *Assistant in Physics.*
WILLIAM V. MOODY, A.M., *Assistant in English.*
ENOCH H. VICKERS, A.M., *Assistant in History.*
OSWALD G. VILLARD, A.B., *Assistant in History.*
GEORGE P. WINSHIP, A.M., *Assistant in History.*
CHARLES L. YOUNG, A.B., *Assistant in English.*
GEORGE F. NEWTON, *Instructor in Designing and Drawing.*
JOSEPH W. BLANKINSHIP, A.B., *Assistant in the Botanical Museum.*
LINDSAY T. DAMON, A.B., *Assistant in English.*
ROBERT J. FORSYTHE, A.B., *Assistant in Chemistry.*
LEWIS D. HILL, A.B., *Assistant in Physics.*
MARTIN H. ITTNER, Ph.B., S.B., *Assistant in Chemistry.*
ARTHUR N. JOHNSON, S.B., *Assistant in Drawing and Descriptive
Geometry.*
JAMES E. LOUGH, A.M., *Assistant in Psychology.*
MARTIN MOWER, *Assistant in Fine Arts.*
GEORGE OENSLAGER, A.B., *Assistant in Chemistry.*
MACY M. SKINNER, A.B., *Assistant in Semitic Languages.*
JAMES SULLIVAN, Jr., A.B., *Assistant in History.*
CHARLES T. WENTWORTH, A.B., *Assistant in History.*
CHARLES L. WHITTLE, *Assistant in Mineralogy.*
ALONZO MCG. COLLETTE, *Assistant in the Botanical Museum.*
CHAUNCY R. PERRY, *Assistant in Surveying and Drawing.*

DIVISIONS AND DEPARTMENTS.

- I. SEMITIC LANGUAGES AND HISTORY. Professor Lyon, chairman.
- II. ANCIENT LANGUAGES. Professor Smith, chairman.
- Departments:
- A. *Indo-Iranian Languages*. Professor Lanman, chairman.
 - B. *The Classics (Greek, Latin)*. Professor White, chairman.
- III. MODERN LANGUAGES. Professor Kittredge, chairman.
- Departments:
- A. *English*. Professor A. S. Hill, chairman.
 - B. *German*. Assoc. Professor Bartlett, chairman.
 - C. *French*. Professor Bôcher, chairman.
 - D. *Italian and Spanish*. Asst. Professor Marsh, chairman.
 - E. *Germanic and Romance Philology*. Professor Sheldon, chairman.
- IV. PHILOSOPHY. Professor Royce, chairman.
- V. HISTORY AND POLITICAL SCIENCE. Professor Macvane, chairman.
- Departments:
- A. *History and Roman Law*. Asst. Professor Gross, chairman.
 - B. *Political Economy*. Professor Dunbar, chairman.
- VI. FINE ARTS. Professor Norton, chairman.
- VII. MUSIC. Professor Paine, chairman.
- VIII. PURE AND APPLIED MATHEMATICS. Professor J. M. Peirce, chairman.
- Departments:
- A. *Mathematics*. Professor Byerly, chairman.
 - B. *Engineering*. Professor Hollis, chairman.
- IX. PHYSICS. Asst. Professor Hall, chairman.
- X. CHEMISTRY. Professor Jackson, chairman.
- XI. NATURAL HISTORY. Professor Whitney, chairman.
- Departments:
- A. *Botany*. Professor Goodale, chairman.
 - B. *Zoölogy*. Professor Mark, chairman.
 - C. *Geology*. Professor Davis, chairman.
- XII. AMERICAN ARCHAEOLOGY AND ETHNOLOGY. Professor Putnam, chairman.

The ordinary administration of a Division or Department includes: the proposal of courses of instruction to the Committee on Instruction; the examination of candidates for second-year honors, if such honors are offered, and the nomination of students to the Faculty for second-year honors; the preparation of papers for the admission examinations, when required; the care of departmental libraries; the supervision of departmental publications, when specially referred to the Division or Department; the arrangement and regulation (when combined action seems desirable) of seminaries, conferences, clubs, reading-courses, lectures, and the like; the supervision of holders of fellowships, pursuing studies in Cambridge or elsewhere; and the general promotion and usefulness of the Division or Department.

In each of the twelve Divisions in which either Final (Baccalaureate) Honors or the degree of Doctor of Philosophy or the degree of Doctor of Science may be attained, the Division Committee, with such additional members as may be appointed, is organized as the *Committee on Honors and Higher Degrees* in that Division, and has charge (under the regulations of the Faculty) of fixing the requirements, examining candidates, and making nominations, for Final Honors and for the degrees of Ph.D. and S.D., and in special cases for that of A.M. But the Department Committee for the Department of English has the charge of Honors in English, and for this purpose has the organization and duties of a Committee on Honors.

Every Committee on Honors and Higher Degrees acts without division into Departments. It may delegate the actual minute examination of candidates and theses to special sub-committees, for which it may obtain the services of any suitable persons, whether members of the Faculty or not; but the Committee is held responsible for all nominations for Honors and Degrees.

Every student who means to be a candidate for the degree of Ph.D. or S.D. must carry on his studies with the approval and under the direction of the Committee on Honors and Higher Degrees in the Division to which his studies belong.

STANDING COMMITTEES.

INSTRUCTION. — Professors Dunbar (*Chairman*), A. S. Hill, J. M. Peirce, Shaler, Smith, Bartlett, James, Macvane, Hollis.

ADMISSION EXAMINATIONS. — Professors Briggs (*Chairman*), Smith, Emerton, Sanderson, Schilling, Morgan, M. Bôcher; Messrs. Sabine, Hurlbut.

ADMISSION FROM OTHER COLLEGES. — Professors von Jagemann (*Chairman*), White, Hanus, Marsh; Mr. Lamont.

CHANGES OF ELECTIVE STUDIES. — Professors Gross (*Chairman*), M. Bôcher; Mr. Gardiner.

SPECIAL STUDENTS. — Professors Schilling (*Chairman*), Moore, Cummings; Messrs. Poll, Baker, G. H. Parker.

FELLOWSHIPS AND OTHER AIDS FOR GRADUATES. — Professors Dunbar (*Chairman*), Child, J. M. Peirce, Farlow, Emerton, Hall, Royce, Wolff, Morgan.

SCHOLARSHIPS AND OTHER AIDS FOR UNDERGRADUATES. — Professors Briggs (*Chairman*), Allen, Ashley, Wolff; Mr. Conant.

THE TABULAR VIEW. — Professors Macvane (*Chairman*); Mr. Sabine.

FRESHMAN ADVISERS. — Professors de Sumichrast (*Chairman*), Hall, Howard, Osgood, Richards; Dr. Bierwirth; Messrs. C. P. Parker, Nichols, Conant, Gates, Lamont, Sabine, Hurlbut, Clow, F. N. Robinson, A. C. Coolidge, Gardiner, Ashton, Torrey, Farley, Cummings.

EXAMINATIONS FOR WOMEN. — Professors Smith (*Chairman*), Child, Byerly, Francke, Channing.

PUBLIC ENTERTAINMENTS. — Professors Palmer (*Chairman*), H. B. Hill; Dr. Marcou.

OPENING OF THE COLLEGE YEAR. — Professors Morgan (*Chairman*), de Sumichrast; Mr. Sabine.

SUMMER COURSES. — Professors Shaler (*Chairman*), A. S. Hill, Lyon, Hanus, Richards.

GRADUATION IN LESS THAN FOUR YEARS. — Professors Smith (*Chairman*), Mark, Macvane, von Jagemann, Cummings.

ON ADMISSION TO THE SCIENTIFIC SCHOOL FROM OTHER SCIENTIFIC SCHOOLS. — Professors Shaler (*Chairman*), H. B. Hill, Hanus, Hollis, Wolff, Warren, Fitz; Drs. Willson, Davenport; Mr. Adams.

ADVISERS TO SCIENTIFIC STUDENTS. — Professors Shaler (*Chairman*), Hanus, Hollis.

FOUR YEARS' COURSES IN THE SCIENTIFIC SCHOOL. — Professors Shaler (*Chairman*), H. B. Hill, Mark, B. O. Peirce, Hollis, Fitz; Mr. Hurlbut.

PARIETAL BOARD.

George A. Bartlett, A.M. <i>Chair-</i>		Sidney M. Ballou, A.B.	
man,	Beck 26.		Little's Block 7.
Charles L. Jackson, A.M.	H'y 11.	Thomas Hall, Jr., A.B.	} Little's 18.
John Cummings, PH.D.	H'y 20.	John S. Hart, A.M.	
Frederick R. Clow, A.M. }	T. 7.	John E. Eaton, A.B.	Hilton Block 4.
George O. Virtue, A.M. }		George P. Winship, A.M.	
Frank B. Williams, A.M.	T. 29.		Hilton Block 23.
Lewis K. Morse, A.B.	T. 54.	Frank C. Babbitt, A.M.	} Felton 18.
George W. Cram, A.B.	W. 7.	Henry I. Cummings, A.B.	
Heinrich C. Bierwirth, PH.D.	W. 36.	Sydney Calvert, A.M.	
Alfred B. Nichols, A.B.	G. 5.		Warland Block 13.
Charles T. Copeland, A.B.	G. 24.	Frederick C. McLaughlin, A.B.	
William V. Moody, A.M.	G. 43.		Read's Block 4.
Charles L. Young, A.B. }	M. 7.	William P. Few, A.M.	Read's Block 24.
Francis S. Kershaw A.B. }		Herbert V. Neal, A.M.	
Lewis E. Gates, A.B.	M. 40.		Shepherd Block 2.
Byron S. Hurlbut, A.M.	H. 7.	Willard Reed, A.B.	D. 15.
George Santayana, PH.D.	S. 7.	George W. Fitz, M.D.	Claverly 11.
John H. Boynton, A.M. }	S. 21.	Ernest L. Conant, A.M., LL.B.	
Lindsay T. Damon, A.B. }			Claverly 18.
Theodore W. Richards, PH.D. }	W.H. 52.	Montague Chamberlain,	Quincy 6.
Herbert M. Richards, S.B. }		—————	Brewer's 12.
Hollis Webster, A.B.	H'ke 7.	Macy M. Skinner, A.B.	Lerner Build.
Herbert L. Jones A.B. }	C. 5.	Frederick W. Truscott, A.M.	
William E. Castle, A.M. }			Cowdin Build.
Frank C. Schrader, A.M. }	C. 17.	James E. Lough, A.M.	
Everett P. Carey, A.B., S.B. }			Mooney Build.
James Sullivan, Jr., A.B.	C. 56.	Archibald C. Coolidge, PH.D.	Ware 15.
Daniel L. Turner, C.E.	P. 27.	Richard C. Manning, A.B.	Ware 43.
Reginald A. Daley, A.M.	P. 60.	William J. Miller, A.B.	Trinity 10.
Wallace C. Sabine, A.M.	C't 17.		

COURSES OF INSTRUCTION

PROVIDED BY THE FACULTY OF ARTS AND SCIENCES.

Elective studies are classed as *courses* or *half-courses*, according to the estimated amount of work in each, and its value in fulfilling the requirements for the degree of A.B. or A.M. In the following list, half-courses are expressly designated as such; all others are full courses, with the exception of the courses of research, which, if taken by a candidate for either of the degrees named, usually count as full courses, but may be estimated differently by special arrangement.

The numbers and letters prefixed to the several courses are intended to be permanent, and no attempt is made to arrange them in a regular or complete series.

The Roman numeral in parentheses appended to each course indicates the examination group to which the course belongs (see pp. 126, 127). No student will be examined in two courses which are in the same group, except in the cases stated on page 126.

The courses *primarily for Undergraduates* are open to Graduate Students, but are not ordinarily counted towards any of the higher degrees. To the courses *primarily for Graduates* Undergraduates are admitted only on the *recommendation* of the Instructor.

No starred (*) course and no course of research can be taken without the *previous* consent of the Instructor. Each student will choose his elective studies in accordance with the regulations of the department of the University to which he belongs.

Laboratory fees are payable by all students electing any course in Chemistry, or any course with laboratory work in Physics or in Natural History.

The attention of students is also called to the separate pamphlets containing more detailed accounts of the instruction in the following departments of study: Semitic Languages and History; Classical Philology and Sanskrit; English; German; French; Italian, Spanish, and Romance Philology; Philosophy; History and Political Science; Music; Mathematics; Physics; Zoölogy; Geology.

Any of these pamphlets may be had on application.

COURSES OF INSTRUCTION.

SEMITIC LANGUAGES AND HISTORY.

For Graduates and Undergraduates.

1. Hebrew. — Davidson's Introductory Hebrew Grammar. — Explanation of parts of Genesis and of the Psalm-book. *Mon., Wed., Fri., at 11.* DR. CHESTER. (III.)

The following courses do not require a knowledge of Semitic languages: —

- 6 *hf.* Babylonian-Assyrian History. — Contact of the Babylonians and Assyrians with the peoples of the Mediterranean coasts and islands. — Diffusion of the Babylonian-Assyrian culture through the Phoenicians. *Half-course. Sat., at 10.* Professor LYON (VIII.)
12. History of Israel, political and social, from the establishment of royalty till the death of Herod the Great. *Tu., Th., and (at the option of the instructor) Sat., at 11.* Professor LYON. (IX.)
16. History of pre-Christian Hebrew literature. *Wed., 2.30–4.30.* Professor G. F. MOORE. (V. and VI.)
This course is open to those only who have taken Course 12 or its equivalent.
13. History of the Hebrew religion, with comparison of other Semitic religions. *Fri., 2.30–4.30.* Professor G. F. MOORE. (V. and VI.)
This course is open to those only who have taken Courses 12 and 16 or their equivalent.
- [15 *hf.* History of the Bagdad Caliphate. — Egypt under the Moslems. — The Crusades from Mohammedan sources. *Half-course. Sat., at 12.* Professor TOR.] (X.)
Omitted in 1894–95.
- [14 *hf.* History of the Spanish Caliphate. — The Korān. *Half-course. Sat., at 12.* Professor TOR.] (X.)
Omitted in 1894–95.
Courses 14 and 15 are given in alternate years.

Primarily for Graduates.

2. Hebrew (second course). — Syntax. — Interpretation of parts of the Prophets and the Poetical Books. — Criticism of selected portions of the text. *Tu., Th., at 3.30.* Professor LYON. (XII.)
- 3 *hf.* Classical Aramaic (Syriac). — Rödiger's *Chrestomathia Lyriaca*, ed. 8. — The Peshitto version of the New Testament. *Half-course. Wed. at 9.* Professor LYON. (I.)
- 3^s *hf.* Jewish Aramaic. — Kautzsch's *Biblisch-Aramäische Grammatik*. — Interpretation of parts of Ezra, Daniel, and the Targums. *Half-course. Wed., Sat., at 9 (second half-year).* Professor LYON. (I. and VII.)
4. Assyrian. — Lyon's *Assyrian Manual*. — Delitzsch's *Assyrian Grammar*. — Abel & Winckler's *Keilschrifttexte*. *Mon., Fri., at 12.* Dr. CHESTER. (IV.)
5. Assyrian (second course). — Delitzsch's *Assyrian Grammar*. — The Chaldean Epic. — Letters and Commercial Documents. *Tu., Th., at 12.* Professor LYON. (X.)
7. Arabic. — Lansing's *Grammar*. — Nuḥab al-Mulāḥ. — The Thousand and One Nights. *Mon., Wed., at 2.30, and a third hour at the option of the instructor.* Dr. CHESTER. (V.)
8. Arabic (second course). — Wright's *Grammar*. — The Moallakāt. — Motenebbi. — Ibn Haldun. — The Korān. *Mon., Wed., at 3.30.* Professor G. F. MOORE and Dr. CHESTER. (VI.)
- [9 *hf.* Ethiopic. — Dillmann's *Grammatik* and *Chrestomathia*. — Enoch. *Half-course. Mon., at 4.30.* Professor TOY.]
Omitted in 1894-95.
- 10 *hf.* Phœnician. — Schröder's *Phönizische Sprache*. — *Corpus Inscriptionum Semiticarum*. *Half-course. Th., at 4.30.* Dr. CHESTER.
The courses in Ethiopic and Phœnician are given in alternate years.

COURSES OF RESEARCH.

- 20a. Assyrian Grammar. Professor LYON.
- [20b. General Semitic Grammar. Professor TOY.]
Omitted in 1894-95.
- [20c. Kitāb al-Aḡāni. Professor TOY.]
Omitted in 1894-95.
- 20d. The Book of Judges. Professor G. F. MOORE.

THE SEMITIC SEMINARY.

Critical study by advanced students. The pre-Israelitish History of Palestine, as derived from the cuneiform tablets of El Amarna.

INDO-IRANIAN LANGUAGES.

For Graduates and Undergraduates.

- 1¹ *hf.* Elements of the Sanskrit language. — Sounds and inflexions. — Reading of easy prose and verse. *Half-course. Mon., Wed., Fri., at 2.30 (first half-year).* Mr. MORE. (V.)

This half-course is intended to serve as an introduction either to the study of the Sanskrit language or to the study of the comparative grammar of Greek and Latin. It should be taken in the first half-year by students who intend to take Classical Philology 20 in the second half-year.

- 1² *hf.* Sanskrit (continued). — Reading of the classical texts in Lanman's Reader. — Translation at sight. *Half-course. Mon., Wed., Fri., at 2.30 (second half-year).* Mr. MORE. (V.)

- 2¹ *hf.* Sanskrit (second year). — Course for rapid reading. — Select episodes from the Mahā-Bhārata. *Half-course. Mon., Wed., Fri., at 3.30 (first half-year).* Professor LANMAN. (VI.)

Primarily for Graduates.

- 3³ *hf.* Sanskrit. — Introduction to the language and literature of the Vedas. *Half-course. Mon., Wed., Fri., at 3.30 (second half-year).* Professor LANMAN. (VI.)

4. Pāli (beginner's course). — Elwell's Jātakas. — The legendary history of Buddha, Avidūre and Santike Nidānas. *Tu., Th., at 1.30, and a third hour at the pleasure of the instructor.* Professor LANMAN. (XIV.)

5. Pāli (advanced course). — The Sacred Books of Buddhism. *Tu., Th., at 2.30, and a third hour at the pleasure of the instructor.* Professor LANMAN. (XI.)

COURSE OF RESEARCH.

20. Special advanced study of selected Sanskrit works, with practice in the use of the manuscripts of the Harvard collection. Professor LANMAN.

SANSKRIT CONFERENCE.

Professor LANMAN conducts an informal exercise in cursory reading of Sanskrit literature on the second and fourth Tuesday evenings of each month of the second half-year at his study. The selections for 1894-95 will be from the Kathā-Sarit-Sāgara, or from the Mahā-Bhārata.

CLASSICAL PHILOLOGY.

Primarily for Undergraduates.

GREEK.

- A. Herodotus (selections). — Homer (selections from Books I.-XII. of the Iliad). — Reading at sight. *Tu., Th., Sat., at 9.* Dr. HAYLEY. (VII.)

Course A is intended for Freshmen who presented only Elementary Greek in the examination for admission.

- F hf. Greek Prose Composition (elementary course). *Half-course. Wed. and (during the second half-year) Fri., at 2.30.* Mr. PARKER. (V.)

Course F is intended for Freshmen who have passed in Elementary (or in Advanced) Greek, but not in Greek Composition, at the examinations for admission.

Courses A and F cannot be counted for Honors.

- B. Homer (selections from the Odyssey). — Lysias (selections). — Plato (Apology and Crito). — Euripides (Medea). — Reading at sight. *Mon., Wed., Fri., at 12.* Asst. Professor MORGAN and Dr. BATES. (IV.)

- C. Homer (selections from the Odyssey). — Lysias (selections). — Plato (Apology and Euthyphro). — Euripides (Iphigenia among the Taurians). — Reading at sight. *Tu., Th., Sat., at 11.* Asst. Professor MORGAN and Dr. BATES. (IX.)

Courses B and C are parallel courses and cannot both be taken by the same student.

Courses B and C are open to Freshmen who passed in Advanced Greek for admission, and to Sophomores who have passed in Course A in their Freshmen year. They cannot be counted for Final Honors, but either of them may be counted for Second-Year Honors.

- D. Homer (selections from the Odyssey). — Lysias (selections). — Plato (Apology, Crito and Euthyphro). — Euripides (Medea). — Reading at sight. *Two sections. Mon., Wed., Fri., at 12 and Tu., Th., Sat., at 11.* Asst. Professor MORGAN. (IV. or IX.)

The class in Course D will be selected at the beginning of the year, from the students who have elected B or C, chiefly on the basis of the entrance examination in Advanced Greek; the list will subsequently be revised, and students will be transferred from B or C to D, or *vice versa*, according to the fuller evidence of proficiency afforded by their College work. Course D is not to be included by the student in his choice of elective studies.

Course D cannot be counted for Final Honors, but may be counted for Second-Year Honors.

E hf. Greek Prose Composition (second course). — Goodwin's Moods and Tenses. *Half-course. Wed., and (during the first half-year) Fri., at 1.30.* Dr. BATES. (XIII.)

Course *E* may be counted for Second-Year, but not for Final, Honors. It is especially recommended to Freshmen intending to be candidates for Second-Year Honors.

LECTURES. — Lectures are provided for students in Courses *B*, *C*, and *D*, on various topics connected with their studies, including the following: —

Homer. Dr. BATES.

Lysias and his Times. Asst. Professor MORGAN.

Socrates and Plato. Professor GOODWIN.

The Greek Theatre and Dramatic Performances. Professor WHITE.

1. Demosthenes (Philippics). — Plato (Protagoras). — Euripides (Iphigenia among the Taurians). — Aristophanes (Knights). — Plutarch (selections). — Reading at sight. *Mon., Wed., Fri., at 11.* Mr. PARKER. (III.)

Course 1 may, with the consent of the instructor, be taken during either half-year as a half-course.

2. Aristophanes (Birds). — Aeschylus (Prometheus Bound). — Thucydides (Book I.). — Sophocles (Oedipus Tyrannus). — Collateral reading of the Plutus of Aristophanes. — Reading at sight. *Tu., Th., Sat., at 10.* Professor WHITE. (VIII.)

- 3 hf. Greek Prose Composition (third course). — Translation and original composition. *Half-course. Tu., at 2.30.* Dr. BATES. (XI.)

Courses 2 and 3 are intended especially for candidates for Second-Year Honors in Classics. The Final Examination in Course 3 is identical with the special examination in Greek Composition for Second-Year Honors.

LATIN.

- A. Cicero (selected Orations). — Virgil. — Practice in reading at sight. *Mon., Wed., Fri., at 11.* Mr. MANNING. (III.)

Course *A* is open to students who have passed in Elementary, but not in Advanced Latin, at the examinations for admission to College.

- F hf. Latin Composition (elementary course). — Collar's Practical Latin Composition. *Half-course. Mon., and (during the first half-year) Fri., at 2.30.* Dr. HATLEY. (V.)

Course *F* is open to students who have passed in Elementary (or in Advanced) Latin, but not in Latin Composition, at the examinations for admission to College.

Courses *A* and *F* cannot be counted for Honors.

B. Cicero (*De Amicitia*). — Livy (Books XXI. and XXII.). — Terence (*Adelphoe* and *Andria*). — Reading at sight. *Tu., Th., Sat., at 9.* Asst. Professor HOWARD and Mr. MANNING. (VII.)

C. Cicero (*De Amicitia*). — Livy (Books I. and II.). — Terence (*Phormio* and *Andria*). — Reading at sight. *Mon., Wed., Fri., at 11.* Asst. Professor HOWARD, Dr. HAYLEY, and Mr. MANNING. (III.)

D. Cicero (*De Amicitia*). — Livy (Books I. and II.). — Terence (*Phormio*). — Plautus (*Captives*). — Reading at sight. *Two sections: Tu., Th., Sat., at 9 and Mon., Wed., Fri., at 11.* Asst. Professor HOWARD and Dr. HAYLEY. (III. or VII.)

Courses *B* and *C* are open to Freshmen who have passed in Advanced Latin for admission, and to Sophomores who have passed in Course *A*. Course *D* is not to be included by the student in his choice of elective studies. The class for Course *D* is selected at the beginning of the year from those who elect *B* or *C*, chiefly on the basis of the admission examinations in the translation of Latin at sight; but students in those courses who show marked proficiency may be promoted to Course *D* during the year.

Courses *B*, *C*, and *D* cannot be counted for Final Honors, but any one of them may be counted for Second-Year Honors.

E hf. Latin Composition (second course). — Translation of English narrative. *Half-course. Mon., and (during the second half-year) Fri., at 1.30.* Mr. MANNING. (XIII.)

Course *E* may be counted for Second-Year, but not for Final, Honors. It is recommended to Freshmen who propose to be candidates for Second-Year Honors.

LECTURES: — Lectures are provided for the students in Courses *B*, *C*, and *D*, on various topics connected with their studies, including the following: —

Plautus and Terence. Dr. HAYLEY.

The Roman Theatre. Asst. Professor MORGAN.

The Metrical and Musical Element in Roman Comedy. Asst. Professor HOWARD.

1. Tacitus (selections from the *Annals*). — Horace (*Odes* and *Epodes*). — Reading at sight. *Mon., Wed., Fri., at 10.* Professor SMITH. (II.)

2. Tacitus (selections from the *Histories*). — Horace (*Odes* and *Epodes*). — Reading at sight. *Tu., Th., Sat., at 12.* Mr. PARKER. (X.)

Course 1 is open to students who have passed with distinction in Course *B*, *C*, or *D*. Course 2 is open to students who have passed in Course *B*, *C*, or *D*, or have attained distinguished credit in Course *A*. Courses 1 and 2 cannot be taken together, nor is either of them open to any student who has already taken the other, or who has taken any of the following courses.

Course 2 may, with the consent of the instructor, be taken during either half-year as a half-course.

- 3 hf.** Latin Composition (third course). — Extended study of Idiom. — Practice in Translation. *Half-course. Th., at 2.30, and consultation-hours at the pleasure of the instructor. Mr. PARKER.* (XI.)

Course 3 is intended especially for candidates for Second-Year Honors. The Final Examination in this course is identical with the special examination in Latin Composition for Second-Year Honors.

For Undergraduates and Graduates.

GREEK.

- 6¹ hf.** Demosthenes (On the Crown, with parts of the Oration on the Embassy). — Aeschines (Against Ctesiphon). *Tu., Th., Sat., at 10 (first half-year).* Professor GOODWIN. (VIII.)

- 6² hf.** Aeschylus (Seven against Thebes). — Sophocles (Antigone). — Aristophanes (Frogs). *Tu., Th., Sat., at 10 (second half-year).* Professor ALLEN. (VIII.)

- 7 hf.** Greek Prose Composition (fourth course). — Written composition in the style of Demosthenes and of Plato, with studies of classical models. — Translation of selections of standard English (rhetorical and philosophical). *Half-course. Tu., at 1.30.* Asst. Professor MORGAN. (XIV.)

Course 7 is open only to those who have already taken Course 3. It may be taken in two successive years, counting as a half-course in each year. It may also be taken once a fortnight through two years, counting as a half-course on the record of the second year.

- [16. Sophocles. Part I.: Reading of the Plays and Fragments (*first half-year*). Part II.: Miscellaneous topical studies; theses, reports, discussions (*second half-year*). *Mon., Wed., and (at the pleasure of the instructor) Fri., at 9.* Professor WRIGHT.] (I.)
Omitted in 1894-95.

- 8.** Plato (Republic.) — Aristotle (Ethics, Books I.-IV. and X.). *Tu., Th., Sat., at 9.* Professor GOODWIN. (VII.)

In Course 8 attention will be directed mainly to the subject-matter of the authors read. The course is important for candidates for Final Honors in Classics. It may also be counted for Honors in Philosophy.

- [9. Aeschylus. *Tu., Th., Sat., at 10.* Professor GOODWIN.] (VIII.)
Omitted in 1894-95.

10. The Life of the Ancient Athenians, described and illustrated by the aid of the Literature and of the Monuments. *Tu., Th., and (at the pleasure of the instructor) Sat., at 12.* Professor WHITE. (X.)

Course 10 will be given alternately with Latin 10. It is introductory to Class. Phil. 37 and is recommended to Graduates who intend to take that course in 1895-96, but who have never made a systematic study of Greek private life.

- [11. History of Greek Literature. — Lectures, with direction of the students' private reading. *Mon., Wed., Fri., at 10.* Professor ALLEN.] (II.)

Omitted in 1894-95.

4. The Comedies of Aristophanes. — Reading of the Plays and Scenic Antiquities (*first half-year*). Special studies in Aristophanes (*second half-year*). *Fri., 2.30-4.30, and a third hour at the pleasure of the instructor.* Professor WHITE. (V. and VI.)

Course 4 is designed for Graduates and advanced Undergraduates. It may be taken as a half-course in either half-year; but students who wish to take it only in the second half-year must first consult the instructor.

- [12. Three Centuries of Greek History (600-300 B.C.). — Studies in Institutions and in Biography. — Lectures, with collateral reading and theses. *Mon., Wed., and (at the pleasure of the instructor) Fri., at 12.* Professor WRIGHT.] (IV.)

Omitted in 1894-95.

LATIN.

6. Horace (selected Satires and Epistles). — Pliny (selected Letters). — Juvenal (the principal Satires). *Mon., Wed., Fri., at 10.* Asst. Professor HOWARD. (II.)

- 13^a *hf.* Catullus and the Elegiac Poets. *Half-course. Mon., Wed., Fri., at 9 (second half-year).* Professor SMITH. (I.)

Courses 6 and 13 are adapted for students who have already taken Course 1 or have passed with distinction in Course 2.

- 7 *hf.* Practice in Latin expression and style. — Study of selections from classical prose as models. — Translation into Latin prose. — Original essays in Latin. *Half-course. Th., at 1.30.* Professor GREENOUGH. (XIV.)

Course 7 is open to students who have passed in Course 3, or who otherwise satisfy the instructor that they are properly qualified. With the consent of the instructor it may be taken in two successive years.

Additional advanced instruction in writing Latin will be given by the instructor to students who desire it.

8¹ *hf.* *Plautus. Half-course. Mon., Wed., Fri., at 11 (first half-year).*
Professor SMITH. (III.)

8² *hf.* *Lucretius. — Cicero (selected Letters). Half-course. Mon., Wed.,*
Fri., at 11 (second half-year). Professor GREENOUGH. (III.)

Courses 8¹ and 8² are important for candidates for Final Honors in Classics.

[10. *The Private Life of the Romans, chiefly as illustrated by works of*
art. — Lectures, with collateral reading. Tu., Th., Sat., at 12.
Professor GREENOUGH.] (X.)

Omitted in 1894-95.

Course 10 is given alternately with Greek 10.

[11. *History of Latin Literature (Poetry). — Lectures, with reading of*
characteristic selections, and direction of the students' private
reading. Tu., Th., Sat., at 11. Professor SMITH.] (IX.)

Omitted in 1894-95.

12. *History of Latin Literature (Prose). — Lectures, with direction of*
the students' private reading. Tu., Th., and (at the pleasure of
the instructor) Sat., at 11. Professor SMITH. (IX.)

Courses 11 and 12 are given in alternate years.

Primarily for Graduates.

THE SEMINARY OF CLASSICAL PHILOLOGY.

DIRECTORS FOR 1894-95: Professors GOODWIN and ALLEN.

The design of the Seminary is to afford training in philological criticism and research. The meetings, which are held twice a week, each session occupying an hour and a half, are ordinarily devoted to the text-criticism and interpretation of Greek and Latin authors. Public meetings, at which the members present for discussion theses on topics in Classical Philology, take the place of the ordinary meetings several times in the year. In the conduct of these meetings the Directors have the coöperation of other Classical instructors. The public meetings are open to all instructors and students in the department.

Application for admission to the Seminary should be made in writing to the Directors before June 20; and present members who desire to retain their places should give written notice to that effect by the same date.

The authors selected for 1894-95 are Aeschylus (*Eumenides*) and Ennius, and the meetings will be held on *Tuesdays and Thursdays, from 2.30 to 4 o'clock.*

- 25 *hf.* Introductory Course in the Text-Criticism and Interpretation of Classical Authors: for 1894-95, Andocides. *Half-course. Th., 7.30-8.30 P.M. (first half-year); 7.30-9.30 P.M. (second half-year).* Asst. Professor MORGAN.

Course 25 is designed as an introduction to the Seminary of Classical Philology.

- [20. Greek and Latin Comparative Philology. *Mon., Wed., Fri., at 12.* Professors GREENOUGH and LANMAN.] (IV.)

Omitted in 1894-95.

84. Lectures on Greek Grammar, with study of Dialectic Inscriptions. *Mon., Wed., and (at the pleasure of the instructor) Fri., at 10.* Professor ALLEN. (II.)

- [21. Introduction to Greek Epigraphy and Palaeography. — Historical Inscriptions and Facsimiles of representative mss. — Lectures and practical exercises. *Tu., Th., at 1.30.* Professor WRIGHT.] Omitted in 1894-95. (XIV.)

- [22 *hf.* Latin Grammar (Sounds and Inflexions). *Half-course.* Professor ALLEN.]

Omitted in 1894-95.

- 28² *hf.* Latin Grammar (Syntax). *Half-course. Mon., Wed., and (at the pleasure of the instructor) Fri., at 12 (second half-year).* Professor GREENOUGH. (IV.)

- [33¹ *hf.* Pindar. *Half-course. Tu., Th., Sat., at 10 (first half-year).* Professor GOODWIN.] (VIII.)

Omitted in 1894-95.

- 27² *hf.* The Politics of Aristotle. *Half-course. Tu., Th., at 10 (second half-year).* Professor GOODWIN. (VIII.)

- 38² *hf.* Professor GOODWIN will meet a class of Graduates to give them advice and help in a course of private reading in some department of Greek Literature, on *Sat., at 10*, during the *second half-year.* (VIII.)

Those who intend to join the class will consult the instructor before the end of the first half-year.

- 30¹ *hf.* The Roman Comedy. — Lectures. — Study of the *Menaechmi* of Plautus. *Half-course. Tu., Th., Sat., at 10 (first half-year).* Professor ALLEN. (VIII.)

- 36¹ *hf.* Cicero's Exposition of Greek Philosophy. *Half-course. Mon., Wed., Fri., at 12 (first half-year).* Professor GREENOUGH. (IV.)

39^a *hf.* Stoicism in the First and Second Centuries. *Half-course.* *Mon., Wed., Fri., at 12 (second half-year).* Mr. PARKER. (IV.)

[24^a *hf.* The Constitutional History of Athens and the Judicial Process of the Athenian Courts. *Half-course.* *Tu., Th., and (at the pleasure of the instructor) Sat., at 10 (second half-year).* Professor GOODWIN.] (VIII.)

Omitted in 1894-95.

35 *hf.* Disputed Questions in Athenian Topography. *Half-course.* *Mon., at 3.30.* Professor WHITE. (VI.)

[37. The Private Life of the Greeks (second course). Investigation of the Comedies of Aristophanes and study of special topics. Professor WHITE.]

Omitted in 1894-95; to be given in 1895-96.

Course 37 is designed for Graduates who have taken Greek 10 or have made equivalent studies. The attention of Graduates who intend to take this course in 1895-96 is called to the note under Greek 10 and to Greek 4.

26. The Private Life of the Romans (second course). — Study of special topics. *Mon., Wed., and (at the pleasure of the instructor) Fri., at 2.30.* Professor GREENOUGH. (V.)

Course 26 is open to students who have taken Latin 10, or who otherwise satisfy the instructor that they are qualified.

ENGLISH.

Primarily for Undergraduates.

A. Rhetoric and English Composition. — A. S. Hill's Rhetoric, and part, of his Foundations of Rhetoric. — Lectures, written exercises and conferences. *Tu., Th., or Sat., at 12, and two other hours to be appointed by the instructors.* Professors A. S. HILL and BRIGGS, and Messrs. HURLBUT, COPELAND, LAMONT, BOYNTON, HART, and DAMON. (X.)

Course A is prescribed for Freshmen and for first-year students in the Lawrence Scientific School.

B *hf.* Twelve Themes. — Lectures, and discussions of themes. I., *Tu., Th., at 12*; II., *Tu., Th., at 1.30*; III., *Tu., Th., at 2.30*; IV., *Tu., Th., at 3.30.* Messrs. LAMONT, GARDINER, YOUNG and ABBOTT.

Course B is prescribed for Sophomores who have passed in Course A. It is open to those students only who have passed in Course A.

C hf. Forensics. — Lectures on Argumentative Composition. — A brief based on a master-piece of argumentative composition. — Four forensics, preceded by briefs. — Discussions of briefs and of forensics. I., *Tu., Th., at 12*; II., *Tu., Th., at 1.30*; III., *Tu., Th., at 3.30*. MESSRS. BAKER, LAMONT and HALL.

Course *C* is prescribed for Juniors who have passed in Courses *A* and *B*. It is open to those students only who have passed in Courses *A* and *B*.

BC hf. English Composition. — Written exercises and conferences. *Half-course. Twice a week.* MESSRS. BAKER, HURLBUT, and HALL.

(X.)

This course, which corresponds in part to Course *B* and in part to Course *C*, is prescribed for students in the Lawrence Scientific School. It is open to those only who have passed satisfactorily in Course *A*.

Course *BC* cannot be counted for the degree of A.B., except with the permission of the Deans of the College and of the Scientific School.

28 hf. English. — History and Development of English Literature in outline. *Half-course. Tu., Th., at 10 (first half-year); Tu., at 10 (second half-year).* PROFESSORS CHILD, A. S. HILL, BRIGGS, and KITTEDGE.

(VIII.)

This course is intended for Freshmen. It is open to those Freshmen only who have attained Grade *C* at the admission examination in English.

3¹ hf. Anglo-Saxon. — Bright's Anglo-Saxon Reader. *Half-course. Mon., Wed., Fri., at 1.30 (first half-year).* MR. F. N. ROBINSON.

(XIII.)

Course *3¹* requires no previous knowledge of Anglo-Saxon.

22. English Composition. *Tu., Th., Sat., at 1.30.* MESSRS. GATES, FARLEY, MOODY, and ABBOTT.

(XIV.)

Course *22* is open to those only who, having attained Grade *C* in English *A*, prefer an elective course to English *B*. It is counted as the equivalent of English *B* and a half-course of elective study.

6 hf. Oral Discussion of Topics in History and Economics. *Half-course. Th., from 3.30–5.30.* ASST. PROFESSORS HART and CUMMINGS, and MR. HAYES.

(XII.)

Course *6* is open to Seniors only.

**10 hf.* Elocution. *Half-course. Mon., Fri., I. at 12, II. at 3.30.* MR. HAYES.

Course *10* is open to those only who are approved by the instructor as having already attained some proficiency in Elocution.

For Graduates and Undergraduates.

1. English Literature. — Chaucer. *Mon., Wed., Fri., at 9.* Professor KITTREDGE and Mr. F. N. ROBINSON. (I.)

2. English Literature. — Shakspeare (six plays). *Mon., Wed., Fri., at 10.* Professors CHILD and KITTREDGE. (II.)

Course 2 may be taken in two successive years.

- [23 *hf.* English Literature. — The Works of Shakspeare. *Half-course. Wed., at 12.* Asst. Professor WENDELL.] (IV.)

Omitted in 1894-95.

Course 23 is open to those only who have taken English 2.

- 11¹ *hf.* English Literature. — Bacon. *Half-course. Mon., Wed., Fri., at 10 (first half-year).* Mr. F. N. ROBINSON. (II.)

- 11² *hf.* English Literature. — Milton. *Half-course. Mon., Wed., Fri., at 10 (second half-year).* Mr. F. N. ROBINSON. (II.)

- 7 *hf.* English Literature of the Eighteenth Century. *Half-course. Mon., at 3.30.* Mr. GATES. (VI.)

- 8¹ *hf.* English Literature. — Poets of the Nineteenth Century. *Half-course. Mon., Wed., at 10 (first half-year).* Professor A. S. HILL. (II.)

- [9 *hf.* English Literature. — Prose Writers of the Nineteenth Century. *Half-course. Mon., at 3.30.* Mr. GATES.] (VI.)

Omitted in 1894-95.

- 13 *hf.* Literary Criticism in England since the Sixteenth Century. *Half-course. Fri., at 3.30.* Mr. LAMONT. (VI.)

12. English Composition. *Tu., Th., at 2.30.* Messrs. GARDINER and YOUNG. (XI.)

Course 12 is open to those only who have attained Grade C in Course B or in Course 22. With the consent of the instructors, it may be taken as a half-course for the first half-year.

- *18 *hf.* Argumentative Composition. — Eight forensics preceded by briefs. — Lectures and conferences. *Half-course. Fri., at 9.* Mr. BAKER. (I.)

Course 18 is open to those only who have passed with credit in Course C.

Primarily for Graduates.

- 19^a *hf.* Historical English Grammar. *Half-course. Three hours a week (second half-year).* Professor KITTREDGE.
- 16 *hf.* History and Principles of English Versification. *Half-course. Th., at 12.* Mr. GATES. (X.)
- 3^a *hf.* Anglo-Saxon Poetry.—Béowulf.—*Half-course. Mon., Wed., Fri., at 11 (second half-year).* Professor KITTREDGE. (III.)
- [25^a *hf.* Anglo-Saxon. — Cædmon. — Cynewulf. — Sweet's Oldest English Texts. *Half-course. Three times a week (second half-year).* Professor KITTREDGE.]
Omitted in 1894-95.
4. Early English. — Old English literature from 1200 to 1450. — Mätzner's Altenglische Sprachproben. *Mon., Wed., Fri., at 11.* Professor CHILD and Mr. F. N. ROBINSON. (III.)
Course 4 is open to those only who are acquainted with Anglo-Saxon.
- 21^a *hf.* Early English. — The Metrical Romances. — Lectures and theses. *Half-course. Three hours a week (second half-year).* Professor KITTREDGE.
Course 21 is open to those only who are acquainted with Early English and Old French.
- [26^a *hf.* Langland and Gower. *Half-course. Three times a week (second half-year).*]
Omitted in 1894-95.
- [17 *hf.* English Literature of the Elizabethan period. *Half-course. Mon., at 2.30.* Mr. BAKER.] (V.)
Omitted in 1894-95.
- *27 *hf.* The English and Scottish Popular Ballads. *Half-course. (For Graduates only.) Three times a week (first half-year).* Professor CHILD.
- [14 *hf.* English Literature. — The Drama from the Miracle Plays to the Closing of the Theatres. *Half-course. Wed., at 2.30.* Mr. BAKER.] (V.)
Omitted in 1894-95.
Course 14 is open to those only who take or have taken Course 2.
- [15^a *hf.* English Literature of the Seventeenth Century. *Half-course. Tu., Th., at 9 (second half-year).* Professor BRIGGS.] (VII.)
Omitted in 1894-95.

- [24th hf. The Poetry of Wordsworth, Coleridge, Scott, Byron, Shelley, Keats, Tennyson, and Browning. *Half-course. Tu., Th., at 10 (second half-year).* Professor A. S. HILL.] (VIII.)

Omitted in 1894-95.

Course 24 is not open to those who take or have taken Course 8.

5. English Composition (advanced course). *Mon., Wed., Fri., at 12.* Professor A. S. HILL. (IV.)

With the consent of the instructor, Course 5 may be taken in two successive years.

With the consent of the instructor, Course 5 may be taken as a half-course during the first half-year.

COURSES OF RESEARCH.

20. During the year 1894-95 the instructors in English will hold themselves ready to assist and advise competent graduates who may propose plans of special study which shall meet the approval of the department.

- [20a. English Literature in its relation to German Literature, from 1790 to 1830. *Wed., at 4.30.* Mr. GATES.]

Omitted in 1894-95.

GERMAN.

Primarily for Undergraduates.

A student who wishes to elect any of the higher courses in German, must consult the instructor in advance. Before making their choice, students should read, in the descriptive pamphlet of the German department, the full description of the courses they wish to elect.

- A. Elementary Course. — Grammar. — Translation from German into English, and elementary exercises in translating into German. *Three times a week.* Mr. NICHOLS, Dr. BIERWIRTH, and Mr. CALKINS. (XII.)

Course A is equivalent to the Elementary German of the admission requirements, and is prescribed for Freshmen who did not present German in their examination for admission, and do not elect Course B.

- B. Elementary Course. — Grammar. — Composition. — Translation and reading at sight. — Selections in Prose and Poetry. (*Five times a week, counting as a course and a half.*) *Mon., Wed., Fri., at 10; Tu., Th., at 3.30.* Dr. POLL. (II. and XII.)

Course B may be substituted for Course A by any Freshman for whom Course A is prescribed. It is practically equivalent to Courses A and Ia combined.

- C. Intermediate Course.** — Grammar. — Composition. — Translation and reading at sight. — Selections from the Writers of the Eighteenth and Nineteenth Centuries. *Mon., Wed., Fri., at 11.* Associate Professor BARTLETT and Dr. BIERWIRTH. (III.)

Course *C* is intended for Freshmen who passed the examination in Elementary German for admission. It cannot be taken by a student who has already had Course *A* or any elective course in German.

- 1a. German Prose and Poetry.** — Lessing (*Minna von Barnhelm*). — Schiller (*Wilhelm Tell*). — Goethe (*Egmont*). — Lyrics and Ballads. — Modern Historical and Narrative Prose. — Composition. — Reading at sight. *Mon., Wed., Fri., at 11.* Asst. Professor SCHILLING and Mr. CALKINS. (III.)

- 1b. German Prose.** — Subjects in History and Biography. — Reading at sight. *Tu., Th., Sat., at 11.* Mr. NICHOLS. (IX.)

Courses *B, C, 1a,* and *1b* are introductory to Courses 2, 3, 4, and 6, and they are also equivalent to the Advanced German in the examination for admission, but students who intend to take, in a subsequent year, Course 2, 3, or 4, should take Course *E* in connection with *1b*.

Courses *1a* and *1b* are parallel courses, and are intended for students who have had Course *A*. No student is allowed to take both of them, and they are not intended for a student who presented German for admission, or who has had a College elective course in German.

In Course *1b* a large amount will be read, but less attention will be paid to Grammar than in Course *1a*, and the course is especially adapted to those students who wish to acquire facility in reading German in preparation for the use of the language in History and other College studies.

- 1c. German Prose.** — Subjects in Natural Science. — Reading at sight. *Tu., Th., Sat., at 9.* Mr. COAR. (VII.)

Course *1c* is intended for students who have had Course *A* or who presented Elementary German for admission. It may also be taken (to count as a half-course only) by students who take or have taken Course *B, C, 1a,* or *1b*; or who presented Advanced German for admission.

- E hf. German Grammar and practice in writing German (first course).** *Half-course. Th., at 2.30.* Mr. NICHOLS. (XI.)

- F hf. German Grammar and practice in writing German (second course).** *Half-course. Th., at 2.30.* Dr. POHL. (XI.)

G hf. German Grammar and practice in writing German (third course).

Half-course. Th., at 2.30. Asst. Professor SCHILLING. (XI.)

Courses *E*, *F*, and *G* are graded courses and cannot be taken except in addition to some other elective course in German. Course *E* may be taken with Course *C*, 1*a*, 1*b*, or 1*c*. Course *F* may be taken with Course 2, 3, 4, or 6. Course *G* may be taken with Course 5, 8, 9, 10, or 11.

[6. German Prose (advanced course). — Subjects in History, Literature, and Philosophy. — Reading at sight. *Mon., Wed., Fri., at 2.30.* Mr. NICHOLS.] (V.)

Omitted in 1894–95.

2. Lessing and the German Drama. — Practice in writing German. *Mon., Wed., Fri., at 12.* Dr. POLL. (IV.)

3. Schiller and his Contemporaries. — Practice in writing German. *Tu., Th., Sat., at 10.* Asst. Professor SCHILLING. (VIII.)

4. Goethe and his time. — Practice in writing German. *Mon., Wed., Fri., at 1.30.* Asst. Professor VON JAGEMANN. (XIII.)

Courses 2, 3, and 4 are introductory to Courses 5, 8, 9, 10, and 11, and no two of them will count as *full courses* for the same student. A student who takes or has taken one of them may take one other as a *half-course* only. Any student who elects any one of these courses may, if he is found deficient in knowledge of German Composition, be required by the instructor to take Course *F* in addition.

For Graduates and Undergraduates.

5. General History of German Literature; with special reference to the Classic Periods of the Twelfth and Eighteenth Centuries. — Lectures, with collateral reading. *Tu., Th., Sat., at 1.30.* Asst. Professor SCHILLING. (XIV.)

8. German Literature in the Twelfth and Thirteenth Centuries. — Nibelungenlied. — Kudrun. — Hartmann's Iwein. — Wolfram's Parzival. — Walther von der Vogelweide. — Translation into Modern German. — Lectures and theses. *Mon., Wed., Fri., at 3.30.* Asst. Professor VON JAGEMANN. (VI.)

[9¹ *hf.* German Literature and Art from the Fourteenth to the beginning of the Sixteenth Century. — The Volkslied. — The Schwank-literature. — The Miracle plays. — Painting and Sculpture from the Van Eycks to Dürer. — Luther. — Hans Sachs. — Lectures and reading. *Half-course. Mon., Wed., Fri., at 3.30 (first half-year).* Asst. Professor FRANCKE.] (VI.)

Omitted in 1894–95.

10¹ *hf.* German Literature from the Reformation to the Classic Period.
—Lectures, reading, and theses. *Half-course. Mon., Wed., Fri., at 11 (first half-year).* Dr. POLL. (III.)

[11² *hf.* The social and political tendencies in German Literature from the middle of the Eighteenth to the middle of the Nineteenth Century.
—The Age of the French Revolution. —The Age of the Napoleonic Wars. —The Restoration. —Young Germany. —Lectures and theses. *Half-course. Mon., Wed., Fri., at 3.30 (second half-year).* Asst. Professor FRANCKE.] (VI.)

Omitted in 1894-95.

Courses 2, 3, 4, 5, 8, 9, 10, and 11 are conducted in German.

SUMMER COURSE.

For a summer course in German, which can be counted as a half-course towards the degrees of A.B. and S.B., see p. 123.

GERMANIC PHILOLOGY.

Primarily for Graduates.

12¹ *hf.* Gothic. Introduction to the study of Germanic Philology. *Half-course. Mon., Wed., Fri., at 2.30 (first half-year).* Asst. Professor VON JAGEMANN. (V.)

14² *hf.* Old Saxon. Introduction to the study of Germanic Philology, continued. *Half-course. Mon., Wed., Fri., at 2.30 (second half-year).* Asst. Professor VON JAGEMANN. (V.)

[13. Icelandic (Old Norse). — Selections from the Sagas and the Elder Edda. *Mon., Wed., Fri., at 12.* Professor KITTREDGE.] (IV.)
Omitted in 1894-95.

[15¹ *hf.* History of the German Language to A.D. 1100. — Old High German. *Half-course. Three times a week (first half-year).* Asst. Professor VON JAGEMANN.]
Omitted in 1894-95.

17² *hf.* History of the German Language since A.D. 1100. — Middle High German, Modern German. *Half-course. Three times a week (second half-year).* Asst. Professor VON JAGEMANN.

[16¹ *hf.* Germanic Mythology. *Half-course. Mon., Wed., Fri., at 11 (first half-year).* Professor KITTREDGE.] (III.)
Omitted in 1894-95.

- [18 *hf.* Germanic Antiquities. *Half-course. Once a week.* Asst. Professor SCHILLING.]

Omitted in 1894-95.

- [19 *hf.* The History of the Faust legend, with special reference to kindred mediaeval legends. *Half-course. Mon., at 4.30.* Asst. Professor FRANCKE.]

Omitted in 1894-95.

THE SEMINARY.

20a. Old High German Section. Asst. Professor VON JAGEMANN.

20b. Middle High German Section. Asst. Professor SCHILLING.

FRENCH.

Students who do not have the qualifications for admission to a particular course specified in the description of that course must consult the instructor before enrolment. Before making their choice students should read, in the Announcement of the French Department, the full description of the courses they wish to elect. The elective courses, unless otherwise stated, are conducted in French.

Primarily for Undergraduates.

- A. Elementary Course. — French Prose and Composition. I. *Mon., Wed., Fri., at 9*; II. *Mon., Wed., Fri., at 1.30*; I., II., *Tu., Th., Sat., at 11.* Mr. BABBITT. (XII.)

Course A is equivalent to the Elementary French of the admission requirements, and is prescribed for Freshmen who did not present French in their examination for admission.

- 1b. Reading at sight of Historical French Prose. — Translation from French into English. *Tu., Th., Sat., at 11.* Asst. Professor SANDERSON and Mr. LA MESLÉE. (IX.)

Open, without consultation, to students who have passed in Course A, or have passed the admission examination in Elementary French.

- 1c. Reading, grammar, and composition. *Mon., Wed., Fri., at 3.30.* Dr. MURE, Dr. MARCOU, and Mr. BABBITT. (VI.)

Open, without consultation, to students who have passed in Course A, or have passed the admission examination in Elementary French.

- 1 a. Reading, grammar, and composition. *Tu., Th., Sat., at 10.* Asst. Professor DE SUMICHRIST, Dr. MURE, Dr. MARCOU, and Mr. BABBITT. (VIII.)

Open, without consultation, to students who have passed in Course A, or have passed the admission examination in Elementary French. Students are not permitted to take more than one course in the series 1b, 1c, 1a. Course 1b is designed for those who do not wish to pursue their study of French any farther. Courses 1c and 1a are parallel courses and are both introductory to French 2. The work is the same in both, but 1c is intended for students who have not had previous training in the understanding of spoken French.

Courses 1b, 1c, and 1a are not open to students who presented Advanced French for admission.

2. French Prose and Poetry. — La Fontaine. — Corneille. — Racine. — Molière. — Beaumarchais. — Alfred de Musset. — Balzac. — Composition. *Mon., Wed., Fri., at 10.* Asst. Professor SANDERSON, Dr. MURE, and Mr. LA MESLÉE. (II.)

Open, without consultation, to students who have passed in Course 1c or 1a with a grade not lower than C, or have passed the admission examination in Advanced French.

- 3 hf. Practice in speaking and writing French (elementary course). *Half-course. Tu., Th., at 3.30.* Mr. BRUN and Mr. LA MESLÉE. (XII.)

Open to students who have passed in Course A with a grade not lower than C or have done equivalent work in French.

- 4 hf. Practice in speaking and writing French (intermediate course). *Half-course. Mon., Fri., at 3.30.* Mr. BRUN. (VI.)

Open, without consultation, to students who have passed in Course 3.

- 5 hf. Practice in speaking and writing French (advanced course). — Oral discussions. *Half-course. Tu., Th., at 2.30.* Dr. MURE and Mr. BRUN. (XI.)

Open, without consultation, to students who have passed in Course 4. Course 5 may be taken in two successive years.

Of Courses 3, 4, and 5, only *two half-courses* can be counted towards the degree.

- 14 hf. Difficult Modern French. — Reading and Translation. *Half-course. Mon., Wed., at 12.* Professor BÔCHER. (IV.)

Students electing Course 14 need not consult the instructor.

For Graduates and Undergraduates.

6. General view of French Literature, from its origins to the present day. — Lectures, reading, and themes. *Mon., Wed., Fri., at 9.* Asst. Professor DE SUMICHRIST. (I.)

Introductory to Courses 7, 8, 9, 10, 11, and 12.

Open, without consultation, to students who have passed in Course 1a with the grade of A, or in Course 2 with a grade not lower than C.

- [7. French Literature in the Nineteenth Century. — Lectures, themes, and collateral reading. Asst. Professor DE SUMICHRAST. *Tu., Th., Sat., at 11.*] (IX.)

Omitted in 1894-95; to be given in 1895-96.

8. French Literature in the Eighteenth Century. — Lectures, themes, and collateral reading. *Tu., Th., Sat., at 11.* Asst. Professor DE SUMICHRAST. (IX.)

Courses 7 and 8 are given in alternate years.

- [9. French Literature in the Seventeenth Century. — Lectures, themes, and collateral reading. *Tu., Th., Sat., at 10.* Professor BÔCHER.] (VIII.)

Omitted in 1894-95; to be given in 1895-96.

10. French Literature in the Sixteenth Century. — Lectures, themes, and collateral reading. *Tu., Th., Sat., at 10.* Professor BÔCHER.

Courses 9 and 10 are given in alternate years. (VIII.)

Courses 7, 8, 9, and 10 are open, without consultation, to students who have passed in Course 6 with a grade not lower than C.

Primarily for Graduates.

- [*11. French Literature in the Fourteenth and Fifteenth Centuries. — Lectures, themes, and collateral reading. *Mon., Wed., Fri., at 10.* Professor BÔCHER.] (II.)

- [*12. French Literature in the Thirteenth Century. — Lectures, themes, and collateral reading. *Mon., Wed., Fri., at 10.* Professor BÔCHER.] (II.)

Courses 11 and 12 are given in alternate years.

Both courses will be omitted in 1894-95; Course 11 will be given in 1895-96.

COURSES OF RESEARCH.

- *20. Competent graduates may propose plans of advanced study in French subject to the approval of the department. Asst. Professor DE SUMICHRAST.

The following special courses are offered: —

- *20a. The Comedies of Molière and those of his immediate predecessors, his contemporaries, and his immediate successors. *Mon., Wed., at 5.* Professor BÔCHER.

- [*20b. The Essays of Montaigne and their influence on later thought. *Mon., Wed., at 5.* Professor BÔCHER.]

Omitted in 1894-95; to be given in 1895-96.

SUMMER COURSE.

For a summer course in French, which can be counted as a half-course towards the degrees of A.B. and S.B., see p. 123.

ITALIAN.

Students should consult the pamphlet descriptive of the courses in Italian, Spanish, Romance Philology, and Comparative Literature.

Primarily for Undergraduates.

1. Elements of Grammar. — Selections from modern authors. — Elementary exercises in writing Italian. *Tu., Th., Sat., at 1.30.*
Professor SHELDON. (XIV.)
See note under Spanish 1.

For Graduates and Undergraduates.

2. Literature of the fifteenth and sixteenth centuries. — Torquato Tasso. — Ariosto. — Machiavelli. — Pulci. — Reading at sight. — Syntax and prose composition, with reading of modern texts. *Tu., Th., Sat., at 9.* Asst. Professor MARSH. (VII.)
Course 1 is open to those only who have not before taken a course in Italian. Courses 1 and 2 cannot be taken together.

Primarily for Graduates.

- *3. Literature of the Thirteenth and Fourteenth Centuries. — Selections from Boccaccio, Petrarca, Dante. — Early Italian. — Monaci's *Crestomazia italiana dei primi secoli.* *Mon., Wed., Fri., at 2.30.*
Professor SHELDON. (V.)
4. Literature and the Fine Arts in Italy during the Middle Ages and the Renaissance, with special study of Dante. *Tu., Th., at 11, and a third hour at the pleasure of the instructor.* Professor NORTON. (IX.)
In this course a knowledge of Italian is required.

SPANISH.

Students should consult the pamphlet descriptive of the courses in Italian, Spanish, Romance Philology, and Comparative Literature.

Primarily for Undergraduates.

- 1a. Grammar, reading, and composition. — Modern novels and plays. — *El Eco de Madrid.* *Mon., Wed., Fri., at 1.30.* Asst. Professor MARSH. (XIII.)

- 1b. Elements of Grammar. — Reading of simple modern Spanish. — Elementary exercises in writing Spanish. — Simple conversation. *Mon., Wed., Fri., at 1.30.* Dr. MARCOU. (XIII.)

Courses 1a and 1b are parallel courses, and cannot both be taken by the same student. Course 1a is properly introductory to Spanish 2; and students who have not taken Course 1a will be permitted to take Spanish 2 only on satisfying the instructor of their fitness to do so. Course 1b is designed primarily for students who desire but one year's work in Spanish, whether for practical purposes or for the sake of obtaining a sufficient familiarity with the language to enable them to use it for scientific or philological purposes. Course 1a is designed as preliminary to a larger study of the Spanish language and literature.

Courses 1a and 1b are open to those only who have not before taken a course in Spanish, and neither can be taken with Course 2.

Students are not permitted to elect Italian 1 and Spanish 1a or Spanish 1b in the same year.

For Graduates and Undergraduates.

- *2. Literature of the Sixteenth and Seventeenth Centuries. — Cervantes, Lope de Vega, Calderon. — Composition. *Mon., Wed., Fri., at 11.* Dr. MARCOU. (III.)

Primarily for Graduates.

- [*3. Early Spanish. — The Poem of the Cid. — Spanish Literature to the Fifteenth Century. *Mon., Wed., Fri., at 10.* Professor SHELTON.] (II.)

Omitted in 1894-95.

ROMANCE PHILOLOGY.

Primarily for Graduates.

- [2^a hf. Phonetics, with special reference to the explanation of sound-changes in the Romance languages. *Half-course. Tu., Th., at 2.30 (second half-year).* Professor SHELTON.] (XI.)

Omitted in 1894-95; to be given in 1895-96.

3. Old French. — Phonology and Inflexions. — The oldest texts. — La Chanson de Roland. — Joinville. — Chrétien de Troies. — Aucassin et Nicolette. *Tu., Th., at 10, and a third hour at the pleasure of the instructor.* Professor SHELTON. (VIII.)
4. Provençal. — Language and Literature, with selections from the poetry of the Troubadours. *Tu., Th., at 2.30.* Dr. MARCOU. (XI.)

[5¹ *hf.* Low Latin. *Half-course.* *Tu., Th., at 2.30 (first half-year).*
Professor SHELDON.] (XI.)

Omitted in 1894-95; to be given in 1895-96.

6. Old French Dialects, with special reference to Anglo-Norman. *Tu., Th., at 9.* Professor SHELDON. (VII.)

To be omitted in 1895-96.

[7 *hf.* The French Element in English. *Half-course.* *Th., at 11, and a second hour at the pleasure of the instructor.* Professor SHELDON.] (IX.)

Omitted in 1894-95.

COURSES OF RESEARCH.

20. In addition to the foregoing courses, opportunities will be afforded to competent students for the investigation of special subjects in Romance Philology under the guidance of the instructors.

COMPARATIVE LITERATURE.

For Graduates and Undergraduates.

1. The History of Latin Literature in the Middle Ages (beginning with the Fourth Century), and its relations to Classic and Modern Literature.—Lectures and theses. *Tu., Th., at 3.30.* Asst. Professor MARSH. (XII.)

2. Mediaeval Literature in the vulgar tongues, with especial reference to the influence of France and Provence.—Lectures and theses. *Mon., Wed., Fri., at 9.* Asst. Professor MARSH. (I.)

Primarily for Graduates.

[21¹ *hf.* The Origin and Development of Historical Epic Poetry in Mediaeval Europe. *Half-course.* *Mon., Wed., Fri., at 9 (first half-year).* Asst. Professor MARSH.] (I.)

Omitted in 1894-95.

[22² *hf.* The Legendary and Poetic Material of Celtic Origin and its Treatment in the Narrative Poetry of the Middle Ages. *Half-course.* *Mon., Wed., Fri., at 9 (second half-year).* Asst. Professor MARSH.] (I.)

Omitted in 1894-95.

MODERN LANGUAGE CONFERENCE.

In order to promote advanced study and research in the modern languages and literatures, and to bring together instructors and students engaged in the various branches of modern Philology, the departments of English, German, French, Romance Philology, and Comparative Literature have established a Modern Language Conference. The Conference will meet from time to time throughout the College year for the presentation and discussion of papers of general interest. The meetings will be previously announced in the Calendar.

PHILOSOPHY.

Primarily for Undergraduates.

INTRODUCTORY COURSE.

1. General Introduction to Philosophy. — Logic, by Professor PALMER; Psychology, by Professor JAMES; Metaphysics and History of Philosophy, by Dr. SANTAYANA. — Jevons's *Lessons in Logic*; James's *Psychology*, Briefer Course; Royce's *Spirit of Modern Philosophy*. *Mon., Wed., Fri., at 2.30.* (V.)

For Graduates and Undergraduates.

SYSTEMATIC COURSES.

2. Psychology. — Lectures, experiments, and theses. *Mon., Wed., Fri., at 12.* Professor MÜNSTERBERG. (IV.)
 3. Cosmology. — A study of the fundamental conceptions of Natural Science, with special reference to theories of Evolution and Materialism. — Spencer's *First Principles*. — Lectures and theses. *Tu., Th., Sat., at 12.* Professor JAMES. (X.)
 4. Ethics. — The Theory of Morals, considered constructively. — Lectures, theses, and private reading. *Mon., Wed., Fri., at 3.30.* Professor PALMER. (VI.)
 5. The Ethics of the Social Questions. — The questions of Charity, the Family, Temperance, and the various phases of the Labor Question, as problems of practical Ethics. — Lectures, essays, and practical observations. *Tu., Th., and (at the pleasure of the instructor) Sat., at 10.* Professor PEABODY. (VIII.)
- As a preparation for Course 5 students are advised to take both Philosophy 1 and Economics 1, and must have taken one or the other, or have had an equivalent preparation.

- *6 *hf.* The Psychological Basis of Religious Faith. — Lectures. *Half-course. Tu., at 9.* Professor EVERETT. (VII.)
- *7. The Content of Christian Faith. — Lectures and a thesis. *Mon., Wed., Fri., at 11.* Professor EVERETT. (III.)
8. Aesthetics. — The Psychology of Taste and the History of Aesthetic Theories. — Lectures, theses, and private reading. *Mon., Wed., Fri., at 11.* Dr. SANTAYANA. (III.)
9. Metaphysics. — The fundamental problems of Theoretical Philosophy, considered constructively. — The Problem of Knowledge. — Realism and Idealism. — The Problems of Causation, Freedom, Teleology, and Theism. — Bradley's Appearance and Reality. — Theses. *Tu., Th., Sat., at 11.* Professor ROYCE. (IX.)

HISTORICAL COURSES.*

- [10¹ *hf.* Descartes, Spinoza, and Leibnitz. — Lectures, recitations, and private reading. *Half-course. Mon., Wed., Fri., at 1.30 (first half-year).* Dr. SANTAYANA.] (XIII.)
Omitted in 1894-95.
- 11¹ *hf.* English Philosophy from Hobbes to Hume. — Lectures, recitations, and private reading. *Half-course. Mon., Wed., Fri., at 1.30 (first half-year).* Dr. SANTAYANA. (XIII.)
12. Kant and Schopenhauer. — Lectures. Professor ROYCE. — Translation of selections from the above authors. Dr. BIERWIRTH. *Mon., Wed., Fri., at 2.30.* (V.)
- 13 *hf.* Comparative Religion. — Studies in the Comparative History of Religions, particularly the Vedic Religion, the Hindu Philosophies, Buddhism, Mazdaism, and the Chinese Religions. *Half-course. Th., Sat., at 9.* Professor EVERETT. (VII.)
- *14 *hf.* The Philosophy of Religion; its rise, problem, and results. — Pfleiderer's Philosophy of Religion. — Caird's Philosophy of Religion. — Caird's Evolution of Religion. — Lectures, required reading, and a thesis. *Half-course. Wed., at 10.* Professor PEABODY. (II.)

Primarily for Graduates.

COURSES OF RESEARCH.

- 20a. Psychological Laboratory. — Laboratory exercises and special investigations for advanced students. Professor MÜNSTERBERG.

* As the student in these courses may have a large amount of reading, the third hour weekly will be at the option of the instructor.

- 20b. Psychological Seminary.** — Questions in Mental Pathology, embracing a review of the principal forms of abnormal or exceptional mental life. *Wed., 7.30-9.30 P.M.* Professor JAMES.
- 20c. Metaphysical Seminary.** — Subject for the year: The Development of the Hegelian System. — Lectures, papers, and original research. *Tu., 7.30-9.30 P.M.* Professor ROYCE.
- 20d. Ethical Seminary.** — The Comparison of Ethical Ideals, with an examination of the three methods marked out in Sidgwick's *Methods of Ethics*. *Th., 4-6.* Professor PALMER.
- 20e. Studies in Scholastic Philosophy.** *Two hours a week.* Dr. SANTA-YANA.

NOTE. — For philosophical courses in other departments, see Semitic 18; Greek 8; Classical Philology 27², 36¹, 89²; Economics 8, 14; Mathematics 21 *hf.*; Zoölogy 7¹.

PHILOSOPHICAL CONFERENCE.

On the second Monday of every month graduate students meet at the house of an officer of the Department, for purposes of friendly intercourse and informal discussion of philosophical subjects.

SUMMER COURSES.

For summer courses in Psychology, which can be counted towards the degree of A.B., see p. 123.

COURSES IN EDUCATION AND TEACHING.

For Graduates and Undergraduates.

- 16. The History of Educational Theories and Practices.** — Lectures, discussions, and reports. — Two essays. *Tu., Th., at 3.30.* Asst. Professor HANUS. (XII.)
- *18 *hf.* Introduction to Educational Theory.** — Lectures, reports, and discussions. — One essay. *Half-course. Mon., at 3.30.* Asst. Professor HANUS. (VI.)
- *19 *hf.* Methods of Teaching Science in Elementary and Secondary Schools.** About ten exercises for each of the following subjects: Physics, Chemistry, Physical Geography, Botany, Zoölogy, Physiology, Mathematics. *Half-course.* Asst. Professor HANUS and others.

In this course the teaching of elementary science comprising the planning and the conducting of class work under the conditions obtaining in public schools and academies, together with the teaching resources for each subject are studied in detail. The instruction will be given mainly by persons engaged in teaching science in elementary and secondary schools.

Primarily for Graduates.

17. Organization and Management of Public Schools and Academies. — Supervision, Courses of Study, and Instruction. — Lectures, discussions, and reports. *Mon., Wed., at 11.* Asst. Professor HANUS. (III.)

Course 17 is open to such students as satisfy the instructor of their ability to pursue it with profit.

- 20f. Pedagogical Seminary. — Aims, Organization, Equipment, and Methods of Secondary Education. — Lectures, essays, reports and discussions. *Wed. at 4.30.* Asst. Professor HANUS.

For a four years' Course in Science for Teachers, see the Announcement of Courses in the Lawrence Scientific School.

HISTORY AND POLITICAL SCIENCE.

Knowledge of German will be of advantage in any of the courses in History and Political Science; and ability to make use of French text-books will be presumed.

HISTORY.**Primarily for Undergraduates.**

1. Mediaeval and Modern European History (introductory course). *Mon., Wed., Fri., at 9.* Dr. COOLIDGE. Lectures by several members of the Department. (I.)

For Juniors and Seniors Course 1 will be counted only as a half-course. It is not counted for Final Honors or for Honorable Mention.

For Graduates and Undergraduates.

In order to be admitted to any of the following courses, students must have passed satisfactorily in a suitable introductory course, or must otherwise satisfy the instructor of their fitness to proceed. The preparation required for pursuing any course is indicated in the descriptive pamphlet of the Department.

- [3. Roman History to the reign of Diocletian. *Mon., Wed., Fri., at 10.*] Omitted in 1894-95. (II.)

- [4. History of Western Europe from the Germanic Invasions to the Treaty of Verdun. *Mon., Wed., Fri., at 2.30.*] Omitted in 1894-95. (V.)

- [5² *hf.* The Middle Ages from Charlemagne to Dante. — Formation of the European States. The Holy Roman Empire. The Roman Papacy as the controlling force in European Life. *Half-course. Tu., Th., Sat., at 9 (second half-year).* Professor EMERTON.]
Omitted in 1894-95. (VII.)
- [6. The First Eight Christian Centuries. — The Conflict of Christianity with Paganism. Origin and development of the Roman Primacy to its Alliance with the Frankish State. The Germanic nations as the basis of a new Christian civilization. *Tu., Th., at 11.* Professor EMERTON.]
Omitted in 1894-95. (IX.)
7. The Era of the Reformation in Europe from the rise of Italian Humanism to the close of the Council of Trent (1350-1563). *Tu., Th., at 11.* Professor EMERTON. (IX.)
8. History of France to the reign of Francis I. *Mon., Wed., and (at the pleasure of the instructor) Fri., at 1.30.* Asst. Professor GROSS. (XIII.)
9. Constitutional History of England to the Sixteenth Century. *Mon., Wed., Fri., at 10.* Asst. Professor GROSS. (II.)
11. European History during the Seventeenth Century and the first half of the Eighteenth. — Constitutional History of England during the Stuart Period. *Mon., Wed., Fri., at 12.* Asst. Professor CHANNING. (IV.)
- 12¹ *hf.* Constitutional History of England since the reign of George II. *Half-course. Tu., Th., Sat., at 11 (second half-year).* Professor MACVANE. (IX.)
Open only to students who have taken or take Government and Law I.
- 12² *hf.* History of Continental Europe since the Middle of the Eighteenth Century. *Half-course. Tu., Th., Sat., at 11 (first half-year).* Professor MACVANE. (IX.)
10. American History (to 1783). *Mon., Wed., Fri., at 11.* Asst. Professor CHANNING. (III.)
13. Constitutional and Political History of the United States (1783-1865). *Tu., Th., Sat., at 12.* Asst. Professor HART. (X.)
- 15¹ *hf.* History of Northern and Eastern Europe (Denmark, Sweden, Poland, Russia, Turkey) from 1453 to 1795. *Half-course. Mon., Wed., Fri., at 2.30 (first half-year).* Dr. COOLIDGE. (V.)

Primarily for Graduates.

22. The Sources and Literature of English Constitutional History. *Fr.*, at 2.30. Asst. Professor GROSS. (V.)

Course 22 may be taken as a half-course. At the convenience of instructor and students it may be given in either half-year.

- [*23¹ *hf.* Geographical Discovery in North America and its cartographical relations. *Half-course.* *Tu., Th.*, at 12 (*first half-year*). Dr. WINSON.

There will be no examination in Course 23, and it cannot be counted for a degree.]

Omitted in 1894-95.

- [24. Technical Aids to the Study of History: Chronology, Diplomatics, Palaeography, etc.]

Omitted in 1894-95.

SEMINARY COURSES.

- 20a. Church and State. Professor EMERTON.
 20b. English Institutions in the Middle Ages. Asst. Professor GROSS.
 20c. Recent Constitutional History. Professor MACVANE.
 20e. American History and Institutions. *Mon.*, at 3.30. Asst. Professors CHANNING and HART.

NOTE. — For other historical courses see Semitic 6, 12, 14, 15; Greek 10, 12; Latin 10; Classical Philology 24, 37; courses under Government and Law; Economics 6, 8, 10, 13; Fine Arts 3, 4.

GOVERNMENT AND LAW.

The History of Government in the Leading Countries is treated in the Courses in History.

Primarily for Undergraduates.

- 1¹ *hf.* Constitutional Government (elementary course). *Half-course.* *Tu., Th., Sat.*, at 9 (*first half-year*). Professor MACVANE. (VII.)

Course 1 is recommended for students who expect to take History 11, 12, or 13. It is not open to students who have taken any one of those courses, nor will it be counted towards the degree for Seniors, or for Final Honors, or for Honorable Mention.

For Graduates and Undergraduates.

- *4. Elements of International Law and the History of American Diplomacy. *Tu., Th., Sat., at 10.* Mr. CONANT. (VIII.)
Students intending to take this course are advised to take History 12 and 13 by way of preparation for it.
5. History and Institutes of Roman Law. — Institutes of Justinian, except the Law of Inheritance. — Selections from the Institutes of Gaius. *Mon., Wed., Fri., at 3.30.* Mr. WILLIAMS. (VI.)
- *6¹ *hf.* Federal Government, historical and comparative. *Half-course. Tu., Th., and (at the pleasure of the instructor) Sat., at 9 (first half-year).* Asst. Professor HART. (VII.)
- *7² *hf.* Leading principles of Constitutional Law: selected cases, American and English. *Half-course. Tu., Th., Sat., at 9 (second half-year).* Professor MACVANE. (VII.)
- *8 *hf.* The Canon Law, its Sources and History, with a study of Protestant Ecclesiastical Law. *Half-course. Fri., at 12.* Professor EMERTON. (IV.)
- [9¹ *hf.* Roman Law. — The Law of Inheritance. — Institutes of Justinian and Gaius, and Selections from the Corpus Juris. *Half-course. Tu., Th., at 2.30, and a third hour at the pleasure of the instructor (first half-year).* Mr. WILLIAMS.] (XI.)
Omitted in 1894-95.
Course 9¹ is open to students who take or have taken Course 5, or who satisfy the instructor of their fitness to pursue the course.
17. The Principles of the Common Law. — Rights and their Enforcement. — Elements of Jurisprudence. *Mon., Wed., Fri., at 1.30.* Mr. CONANT. (XIII.)

Primarily for Graduates.

- 10¹ *hf.* Principles of Government: Selections from leading writers, together with studies in existing political systems. *Half-course. Tu., Th., at 2.30 (first half-year).* Professor MACVANE. (XI.)
11. History of Political Theories, with especial reference to the origin of American Institutions. — Studies from Machiavelli, Calvin, Hobbes, the Puritan state papers, Winthrop, Locke, Rousseau, Otis, Jefferson, Madison, and others. *Wed., Fri., at 3.30.* Asst. Professor CHANNING. (VI.)
12. Government and Political Methods in the United States, national, State, and municipal. *Wed., Fri., and (at the pleasure of the instructor) Mon., at 9.* Asst. Professor HART. (I.)

- [15. The historical development of International Law. *Tu., Th., at 3.30.* Mr. ——.] (XII.)

Omitted in 1894-95.

- 16¹ *hf.* Roman Law. — The Law of Obligations. — Selections from the Corpus Juris. — Development since the time of Justinian. *Half-course. Tu., Th., at 2.30, and a third hour at the pleasure of the instructor (first half-year).* Mr. WILLIAMS. (XI.)

Course 16¹ is intended for students who have completed Course 5 or its equivalent.

- [*18. Municipal Corporations. — Methods of Judicial Control over Local Administration. — Selected topics in Public and Administrative Law. *Mon., Wed., Fri., at 9.* Mr. CONANT.] (I.)

Omitted in 1894-95.

COURSES OF RESEARCH. — *Seminary work in Government and Law is included under Course 20 in History.*

ECONOMICS.

Primarily for Undergraduates.

1. Outlines of Economics. — Mill's Principles of Political Economy. — Lectures on Economic Development, Distribution, Social Questions, and Financial Legislation. *Mon., Wed., Fri., at 9.* Professor ASHLEY, Asst. Professor CUMMINGS, Dr. CUMMINGS, and Mr. CLOW. (I.)
10. The Elements of Economic History from the Middle Ages to Modern Times. *Tu., Th., and (at the pleasure of the instructor) Sat., at 12.* Professor ASHLEY. (X.)

Course 10 is open to students who have passed satisfactorily in History 1 or in Economics 1.

For Graduates and Undergraduates.

The Courses for Graduates and Undergraduates are open to students who have passed satisfactorily in Course 1. Courses 6, 8, and 9 are also open to Juniors and Seniors of high rank who take Course 1 at the same time.

- [*11² *hf.* History of Economic Opinion, down to Adam Smith. *Half-course. Tu., Th., at 3.30 (second half-year).* Professor ASHLEY.]

Omitted in 1894-95.

(XII.)

- *2. Economic Theory from Adam Smith to the present time. — Selections from Adam Smith and Ricardo. — Modern Writers. — Lectures. *Mon., Wed., Fri., at 2.30. First half-year: Professor ASHLEY; second half-year: Professor MACVANE.* (V.)
In 1894-95 Course 2 may be taken for either half-year as a half-course.
- *3. The Principles of Sociology. — Development of the Modern State, and of its Social Functions. *Tu., Th., at 1.30, and a third hour at the pleasure of the instructor.* Asst. Professor CUMMINGS. (XIV.)
- *14 *hf.* Philosophy and Political Economy. — Utopian Literature from Plato's Republic to the present time. *Half-course. Tu. and (at the pleasure of the instructor) Th., at 9.* Asst. Professor CUMMINGS. (VII.)
- *9. The Social and Economic Condition of Workingmen in the United States and in other countries. *Tu., Th., Sat., at 10.* Asst. Professor CUMMINGS. (VIII.)
- [*13 *hf.* The Development of Land Tenures and of Agrarian Conditions in Europe. *Half-course. Tu. at 3.30.* Professor ASHLEY.] (XII.)
Omitted in 1894-95.
- *5² *hf.* Railway Transportation. — Lectures and written work. *Half-course. Tu., Th., Sat., at 2.30 (second half-year).* Mr. VIRTUE. (XI.)
- [*6² *hf.* History of Tariff Legislation in the United States. *Half-course. Tu., Th., at 2.30, and a third hour at the pleasure of the instructor (second half-year).* Professor TAUSSIG.] (XI.)
Omitted in 1894-95.
- *8¹ *hf.* History of Financial Legislation in the United States. *Half-course. Tu., Th., at 2.30, and a third hour at the pleasure of the instructor (first half-year).* Professor DUNBAR. (XI.)
- *7¹ *hf.* The Theory and Methods of Taxation, with special reference to local taxation in the United States. *Half-course. Tu., Th., Sat., at 11 (first half-year).* Professor DUNBAR. (IX.)
- *7² *hf.* Financial Administration and Public Debts. *Half-course. Tu., Th., Sat., at 11 (second half-year).* Professor DUNBAR. (IX.)
- [*12¹ *hf.* Banking and the History of the leading Banking Systems. *Half-course. Tu., Th., Sat., at 11 (first half-year).* Professor DUNBAR.] (IX.)
Omitted in 1894-95.

- [*12th *hf.* International Payments and the Flow of the Precious Metals.
Half-course. Tu., Th., Sat., at 11 (second half-year). Pro-
fessor DUNBAR.] (IX.)
 Omitted in 1894-95.

Primarily for Graduates.

20. Seminary in Economics. *Mon., at 4.30.*
 Professors DUNBAR and ASHLEY, and Asst. Professor CUMMINGS,
 will guide competent students in research on topics assigned after
 consultation. The Seminary will hold weekly meetings; and in
 addition every student will confer individually, once a week,
 with the instructor under whose guidance he carries on his
 investigations.

THE FINE ARTS.

Primarily for Undergraduates.

1. Principles of Delineation, Color, and Chiaroscuro. — Lectures (*once a week*), with collateral reading. — Practice in drawing and in the use of water-colors. — Perspective. *Mon., Wed., Fri., at 2.30.* Asst. Professor MOORE. (V.)
2. Principles of Design in Painting, Sculpture, and Architecture. — Lectures (*twice a week*), with collateral reading. — Practice in drawing and water-colors. *Mon., Wed., Fri., at 3.30.* Asst. Professor MOORE. (VI.)
 As a preparation for Course 2 it is necessary to have passed satisfactorily in Course 1.

For Graduates and Undergraduates.

- [3. Ancient Art. *Tu., Th., Sat., at 9.* Professor NORTON.] (VII.)
 Omitted in 1894-95.
4. Roman and Mediaeval Art, with special study of the Development of Gothic Architecture, and of the Revival of Art in Italy in the Thirteenth Century. *Tu., Th., Sat., at 9.* Professor NORTON. (VII.)
 Courses 3 and 4 are given in alternate years.

Primarily for Graduates.

COURSE OF RESEARCH.

20. Professor NORTON will assist and direct advanced students in the study of special topics in the History of the Fine Arts; and will arrange a regular course for that purpose if five or more competent students should desire instruction in some portion of the subject.

ARCHITECTURE.

The courses in Architecture are intended primarily for students in the Lawrence Scientific School and only Course 1a can be counted towards the degree of A.B.

- 1a. Technical and Historical Development of the ancient styles with a special reference to Classic Architecture. Lectures and practice in the drawing room. *Mon., Wed., Fri., at 10.* Asst. Professor WARREN. (II.)

This course is open to students in the College who have taken both Fine Arts 1 and Fine Arts 2 and who have attained the Grade C in both courses.

- 1b. Technical and Historical Development of the Mediaeval styles of Architecture. Lectures and practice in the drawing room. *Mon., Wed., Fri., at 12.* Asst. Professor WARREN. (IV.)

- [1c. Technical and Historical Development of the Renaissance and Modern Architecture. *Three times a week.* Asst. Professor WARREN.]

Omitted in 1894-95.

Courses 1b and 1c are given in alternate years. They are open only, except by special permission, to those students who have passed satisfactorily in Course 1a.

- 2a. Elementary Architectural drawing. *Mon., Wed., Th., Fri., 11-1.* Mr. NEWTON.

This course is open to those students only who are taking Course 1a in the same year.

- 3a. Freehand drawing from Architectural subjects. *Daily, 9-10.* Asst. Professor WARREN and Mr. NEWTON.

This is a course for practice in drawing especially arranged for students of Architecture in continuation of Fine Arts 1.

- [3b. Freehand drawing from Architectural subjects (second course). *Daily, 9-10.* Asst. Professor WARREN and Mr. NEWTON.]

Omitted in 1894-95.

- [3c. Freehand drawing from Architectural subjects (third course). *Daily, 9-10.* Asst. Professor WARREN and Mr. NEWTON.]

Omitted in 1894-95.

- 4a. Elementary Architectural design. Lectures and practice. *Tu., 2.30-4.30, Th., Sat., 2-4.30.* Asst. Professor WARREN and Mr. NEWTON.

This course is open to those students only who have passed satisfactorily in Courses 1a and 2a and who are taking Courses 3a and 1b or 1c in the same year.

- [4b. Architectural design (second course). *Three times a week.* Asst. Professor WARREN and Mr. NEWTON.]

Omitted in 1894-95.

This course is open to students who have taken Course 4a.

- [4c. Architectural design (advanced course). *Three times a week.*
 Asst. Professor WARREN and Mr. NEWTON.]
 Omitted in 1894-95.
 This course is open to students who have taken Course 4b.

MUSIC.

For Graduates and Undergraduates.

1. Harmony. *Tu., at 2.30, Th., from 2.30-4.* Professor PAINE. (XI.)
 Proficiency in piano or organ playing is required of students who take Course 1. The course is open to Freshmen who, by examination, show sufficient talent and proficiency in music.
2. Counterpoint. *Mon., Fri., at 2.30.* Professor PAINE. (V.)
 Course 2 requires a knowledge of Harmony.
- [3 hf. History of Music, with analysis of the works of the great masters.
Half-course. Tu., at 3.30, and a second hour at the pleasure of the instructor. Professor PAINE.] (XII.)
 Omitted in 1894-95; to be given in 1895-96.
 Course 3 requires a knowledge of Harmony and proficiency in piano playing.
- *7 hf. Instrumentation. *Half-course. Tu., at 3.30.* Professor PAINE.
 Course 7 is open to advanced students only. (XII.)

Primarily for Graduates.

5. Canon and Fugue. *Mon., Fri., at 3.30.* Professor PAINE. (VI.)
 This course is given alternately with the following: —
- [6. Free Thematic Music. — Fugue in two voices. *Mon., Fri., at 3.30.*
 Professor PAINE.] (VI.)
 Omitted in 1894-95; to be given in 1895-96.
 Courses 5 and 6 require a knowledge of Harmony and Counterpoint and proficiency in piano playing.
- *20. Seminary in Music. *Wed., at 4, fortnightly.*
 At the meeting of the Seminary advanced students will present original musical compositions for performance and discussion.

MATHEMATICS.

Primarily for Undergraduates.

- A¹ hf. Logarithms. — Plane and Spherical Trigonometry. *Half-course.*
Mon., Wed., Fri., at 2.30 (first half-year). Mr. COAR. (V.)
- B² hf. Plane Analytic Geometry (elementary course). *Half-course.*
Mon., Wed., Fri., at 2.30 (second half-year). Mr. COAR. (V.)

C. Plane and Solid Analytic Geometry (extended course). *Mon., Wed., Fri., at 2.30.* Asst. Professor BÔCHER. (V.)

D¹ hf. Algebra. Half-course. *Tu., Th., Sat., at 1.30 (first half-year).* Asst. Professor OSGOOD and Mr. LOVE. (XIV.)

This course is intended for students who are distinctly good in Elementary Algebra and who wish to make rapid progress in their mathematical studies. It is not open to students conditioned in Elementary Algebra, unless they have had no opportunity of removing the condition.

E² hf. Solid Geometry. Half-course. *Tu., Th., Sat., at 1.30 (second half-year).* Mr. LOVE. (XIV.)

This course is not open to students conditioned in Plane Geometry, unless they have had no opportunity of removing the condition.

F. Trigonometry and Plane Analytic Geometry. *Tu., Th., Sat., at 11.* Mr. ASHTON. (IX.)

Course *F* devotes less time to Trigonometry than Course *A* and more time to Analytic Geometry than Course *B*.

Courses *B* and *C* require a previous knowledge of Plane Trigonometry; but *A* and *B* are commonly taken in the same year.

Course *C* may be taken by a beginner in Analytic Geometry as a full course for the year, or as a half-course for the first half-year. It may be taken by a student who has passed in Analytic Geometry for admission or in Course *B*; but will count for such a student as a half-course only. A student who has taken Course *A* without Course *B* in his Freshman year may take Course *C* as a full course in a later year; but he cannot take any of the higher courses until he has taken *B*, *C*, or *F*.

2. Differential and Integral Calculus (first course). *Mon., Wed., Fri., at 11.* Asst. Professor OSGOOD. (III.)

Course 2 is open to those only who have taken Course *B*, Course *C*, or Course *F*.

Candidates for Second-Year Honors may take Courses 2 and 8, or 2 and 5, or 2 and 12. Other courses may be accepted on special petition.

4. The Elements of Mechanics. *Tu., Th., Sat., at 9.* Asst. Professor OSGOOD. (VII.)

Course 4 is intended for students who take or have taken Course 2.

For Graduates and Undergraduates.

3. Modern Methods in Geometry. — Determinants. *Mon., Wed., Fri., at 2.30.* Professor BYERLY. (V.)

Course 3 is intended for students who have taken Course *C* or Course *F*.

5. Differential and Integral Calculus (second course). *Mon., Wed., Fri., at 11.* Professor BYERLY. (III.)

12. The Theory of Equations.—Algebraic Analysis.—Invariants and Co-variants. *Tu., Th., Sat., at 11.* Asst. Professor BÔCHER. (IX.)
- [6. Quaternions, with applications to Geometry and Mechanics (first course). *Mon., Wed., Fri., at 12.* Professor J. M. PEIRCE.]
Omitted in 1894-95. (IV.)
- [8. Analytic Mechanics. *Mon., Wed., Fri., at 10.* Professor BYERLY.]
Omitted in 1894-95. (II)
- [14. Higher Algebra. *Tu., Th., Sat., at 11.* Asst. Professor OSGOOD.]
Omitted in 1894-95. (IX.)

Primarily for Graduates.

[MATHEMATICAL SEMINARY.—Lectures by the students. To count as a half-course.]
Omitted in 1894-95.

- 7a. The General Theory of Curves and Surfaces (first course): Algebraic Plane Curves, especially Curves of the Third Degree in point or line coördinates. *Mon., Wed., Fri., at 10.* Professor J. M. PEIRCE. (II.)

A thorough knowledge of the elements of the Differential Calculus, the general analytic theory of the Conic Sections, and the main principles of Determinants is requisite for this course. In future years, an elementary knowledge of the modern theory of Algebraic Forms will be required. Courses C, D, 2, 3, and 12 are recommended as preparatory to 7a. Course 7a can be taken for the first half-year as a half-course.

- [7b. The General Theory of Curves and Surfaces (second course). *Mon., Wed., Fri., at 10.* Professor J. M. PEIRCE.] (II.)
Omitted in 1894-95.

9. Quaternions, with applications to Geometry and Mechanics (second course). *Mon., Wed., Fri., at 12.* Professor J. M. PEIRCE. (IV.)

13. The Theory of Functions (introductory course). *Tu., Th., Sat., at 10.* Asst. Professor BÔCHER. (VIII.)

10. Trigonometric Series.—Introduction to Spherical Harmonics.—Potential Function. *Tu., Th., Sat., at 12.* Professors BYERLY and B. O. PEIRCE. (X.)

- [11. Hydrostatics.—Hydrokinematics.—Force Functions and Velocity-Potential Functions and their uses. *Mon., Wed., Fri., at 9.* Professor B. O. PEIRCE.] (I.)

This course is given alternately with Course 15.
Omitted in 1894-95.

15. **Methods in Mathematical Physics.** *Mon., Wed., Fri., at 9.* Professor B. O. PEIRCE. (I.)

See note under Course 11 above.

- 16 *hf.* **Problems in the Mechanics of Rigid Bodies.** *Half-course. Mon. Wed., at 10.* Professor BYERLY. (II.)

17. **The Theory of Functions (second course).**—Introduction to Weierstrass' Theory of Functions. *Tu., Th., at 10, and a third hour at the pleasure of the instructor.* Asst. Professor OSGOOD. (VIII.)

- [18. **The Theory of Substitutions.** *Mon., Wed., Fri., at 2 30.* Asst. Professor OSGOOD.] (V.)

Omitted in 1894-95.

19. **Curvilinear Coördinates and Lamé's Functions.** *Mon., Wed., Fri., at 3.30.* Asst. Professor BÔCHER. (VI.)

- 21 *hf.* **The Algebra of Logic.** *Half-course. Wed., Fri., at 11 (first half year); Wed., at 11 (second half-year).* Professor J. M. PEIRCE. (III.)

This course will consist in readings and discussions in the lecture-room, and cannot regularly be counted for a degree. But a student may obtain leave to count it for a degree by presenting work of research and theses.

COURSES OF RESEARCH.

20. The work of the following courses will consist of investigation and reading, to be carried on by the students in the courses, under the guidance of the instructors. Students will be expected to present their results from week to week in the form of lectures and theses.

(a) Klein's Icosahedron. Asst. Professor OSGOOD.

(b) The Theory of Functions satisfying Laplace's Equation. Asst. Professor BÔCHER.

(c) Linear Associative Algebra. *Mon., at 11.* Professor J. M. PEIRCE.

SUMMER COURSES.

For summer courses in Mathematics, which can be counted towards the degrees of A.B. and S.B., see p. 124.

ENGINEERING.

- 1a [4]. **Engineering Mathematics.**—Plane Trigonometry.—Advanced Algebra.—Plane Analytical Geometry. *Mon., Wed., Fri., at 10, Sat. at 11.* Messrs. LOVE and ASHTON. (II. and IX.)

- Ab. Engineering Mathematics. — Analytic Geometry. — Differential and Integral Calculus.** *Mon., Tu., Wed., Th., Fri., at 9.* Mr. LOVE. (I. and VII.)

This course is open to students who have passed satisfactorily in Plane Trigonometry and Advanced Algebra in Course 1a, or their equivalents, and have passed all the mathematical subjects required for admission. This course will be discontinued in 1895. It cannot be counted towards the degree of A.B. except by special permission of the Deans of the College and the Scientific School.

- [1c. Engineering Mathematics. — Solid Analytical Geometry. — Differential and Integral Calculus.** *Mon., Wed., Fri., at 11, Sat. at 9.* Mr. LOVE.] (III. and VII.)

This course is open to students who have passed satisfactorily in Course 1a, or its equivalent, and have passed all the mathematical subjects required for admission. It will be given after 1894-95. This course cannot be counted towards the degree of A.B. except by special permission of the Deans of the College and the Scientific School.

- 2a hf. Descriptive Astronomy. Half-course.** *Mon., Wed., Fri., at 1.30 (first half-year).* Dr. WILLSON. (XIII.)

This course is intended primarily for students of Civil Engineering, but it may be taken by others.

- 2b hf. Practical Astronomy. Use of instruments and applications to Navigation and Surveying. Half-course.** *Mon., Wed., Fri., at 1.30, and laboratory work (second half-year).* Dr. WILLSON. (XIII.)

This course is intended primarily for students of Civil Engineering. It requires a working knowledge of Trigonometry and of Solid Geometry. It cannot be counted towards the degree of A.B. except by special permission of the Deans of the College and the Scientific School.

- 2c. Practical Astronomy. — Determination of time, latitude, and longitude. — Use of the sextant and astronomical transit. — Lectures, instrumental work, and computation.** *Tu., Th., Sat., at 11.* Dr. WILLSON. (IX.)

This course requires a working knowledge of Trigonometry and of the elements of Solid Geometry. It may be taken as a whole course instead of Courses 2a and 2b.

- 3a [1]. Mechanical Drawing. — Descriptive Geometry. — Tinting, Isometric Drawing, Shades and Shadows, Perspective.** *Mon., Wed., Fri., 1.30-3.30 or 2.30-4.30.* Messrs. MOSES, A. N. JOHNSON, and PERRY. (XIII.)

- 3c [3'] hf. Structural and Machine Drawing.** — Applications of Descriptive Geometry to Engineering Constructions and Machinery. *Half-course.* Tu., Th., Sat., 11-1 (*first half-year.*) Mr. MOSES.

(IX.)

This course includes Stereotomy for students of Civil Engineering. It is open to students who have passed satisfactorily in Course 3a. It cannot be counted towards the degree of A.B. except by special permission of the Deans of the College and the Scientific School.

- 3d hf. Mechanism.** — Study of gearing and mechanical movements. *Half-course.* Lectures Tu., Th., at 11, draughting Sat., 11-1 (*second half-year.*) Mr. MOSES.

(IX.)

This course is open to students who have passed satisfactorily in Course 3c. It cannot be counted towards the degree of A.B. except by special permission of the Deans of the College and the Scientific School.

- 4a [2]. Surveying, Plotting and Topographical Drawing.** — Levelling. — Field Practice. Tu., Th., 1.30-4.30. Messrs. TURNER and PERRY.

(XIV.)

This course is open to students who have studied Plane Trigonometry, and to those who take at the same time Course 1a. This course extends five weeks into the Summer for practice in the field. The Summer practice will begin as soon as possible after the final examinations and will give a thorough practical training in all the methods of making surveys.

If taken by Seniors, this course cannot be counted towards the degree of A.B.

- 4c hf. Geodesy.** — Geodetic, Mining, and Hydrographic Surveying. — Field Practice. *Half-course.* Mon., Fri., 1.30-4.30 (*first half-year.*) Mr. TURNER.

(XIII.)

This course is open to students who have passed satisfactorily in Courses 1a, 3a, and 4a. It cannot be counted towards the degree of A.B. except by special permission of the Deans of the College and the Scientific School.

- 4d [4] hf. Railroad Engineering.** — Survey, Location, and Construction of Railroads. — Field Practice. *Half-course.* Mon., Fri., 1.30-4.30 (*second half-year.*) Mr. TURNER.

(XIII.)

This course is open to students who have passed satisfactorily in Course 4c. The course will extend five weeks into the Summer for practice in the field. The Summer practice will begin as soon as possible after the final examinations and will give practical training in the methods of surveying and locating railroads. The course cannot be counted towards the degree of A.B.

- 4e [8] hf. Construction and Maintenance of Common Roads.** *Half-course.* Mon., Wed., Fri., at 9 (*second half-year.*) Mr. McCLENTOCK. (I.)

This course cannot be counted towards the degree of A.B.

- 5a [5¹].** Analytical and Applied Mechanics. — Stresses in framed structures and machines. — Problems in Statics and Dynamics. *Daily, at 11 (first half-year).* Professor HOLLIS. (III. and IX.)

This course is open to students who have passed satisfactorily in the mathematics and physics prescribed for the first and second years of the engineering courses, or their equivalents.

- 5c [5²].** Resistance of Materials. — Lectures and laboratory work on Materials used for structural purposes. *Daily, at 11 (second half-year).* Professor HOLLIS. (III. and IX.)

This course is open to students who have passed satisfactorily in Course 5a, or Mathematics 4.

- 6a [7³].** *hf.* Hydraulics. — Flow of water and fluids of varying density. — Gauging of streams and pipes. — Power of water-falls. *Half-course. Tu., Th., Sat., at 9 (first half-year).* Mr. TURNER. (VII.)

This course is open to students who take or have passed satisfactorily in Course 5a, or Mathematics 4.

- 6b [6¹].** *hf.* Hydraulic and Wind Motors. — Water-wheels, Turbines, Water-engines and Wind-wheels. *Half-course. Tu., Th., Sat., at 9 (second half-year).* Mr. L. J. JOHNSON. (VII.)

This course is open to students who have passed satisfactorily in Course 6a. It cannot be counted towards the degree of A.B.

- 6c [7¹].** *hf.* Water Supply and Sanitary Engineering. *Half-course. Tu., Th., Sat., at 9 (second half-year).* Mr. RICE. (VII.)

This course is open to students who have passed satisfactorily in Course 6a. It cannot be counted towards the degree of A.B.

- 6d *hf.*** Irrigation. — Construction of irrigation works and canals. — Hydrography. *Half-course. Tu., Th., at 12 (second half-year).* Mr. TURNER. (X.)

This course is open to students who have passed satisfactorily in Course 6a and take at the same time Course 8a. It cannot be counted towards the degree of A.B.

- 7a [8¹].** Bridges and Buildings. — Graphical Statics. — Plate girders, riveted and pin-bridges. — Details of iron and steel construction. *Mon., Wed., Fri., 11-1 (first half-year). Three hours a week (second half-year).* Mr. L. J. JOHNSON. (III.)

This course is open to students who have passed satisfactorily in Courses 5a and 5c. It cannot be counted towards the degree of A.B.

- 8a [8²].** *hf.* Masonry and Timber Structures. — Foundations, arches, dams, piers, pneumatic foundation work and tunnels. *Half-course. Tu., Th., Sat., 11-1 (second half-year).* Mr. L. J. JOHNSON. (III.)

This course is open to students who have passed satisfactorily in Courses 5a and 5c. It cannot be counted towards the degree of A.B.

- 10a hf.** Shopwork in Metals. — Use of tools. — Fitting by hand. — Study of the metals in practical working. — Lectures and laboratory work. *Half-course. Six hours a week (— half-year).* Rindge School and Professor HOLLIS. (XIV.)

The workshop courses may be taken on any two afternoons in the week, the days to be arranged to avoid interference at the beginning of the term. All the workshop courses are intended primarily for students of Mechanical and Electrical Engineering. Other students in the Scientific School may take these courses by the payment of the prescribed fee. Volunteer classes will be made up immediately after the final examinations for five weeks work in the Summer and any two of the workshop courses may be taken.

Courses 10a, 10b, 10c, 10d, and 10e cannot be counted towards the degree of A.B.

- 10b hf.** Blacksmithing. — Use of tools. — Forging, welding, tool dressing and tempering. — Lectures and laboratory work. *Half-course. Six hours a week (— half-year).* Rindge School and Professor HOLLIS. (XIV.)

See note under Course 10a.

- 10c hf.** Shopwork in Wood. — Use of tools. — Pattern-making and turning. — Lectures and laboratory work. *Half-course. Six hours a week (— half-year).* Rindge School and Professor HOLLIS.

See note under Course 10a.

(XIII.)

- 10d hf.** Foundry Practice. — Moulding. — Casting in iron and alloys. — Mixing metals. — Lectures and laboratory work. *Half-course. Six hours a week (— half-year).* Rindge School and Professor HOLLIS. (XIII.)

See note under Course 10a.

- 10e hf.** Machine Shop Practice. — Use of machine tools. — Construction of parts of machinery ; finishing and assembling parts. — Lectures and laboratory work. *Half-course Six to nine hours a week (— half-year).* Rindge School and Professor HOLLIS. (XIII.)

This course is open to students who have taken all other courses in workshop practice. See note under Course 10a.

- 11a hf.** Machinery and Boilers. — Description of the different types of Engines and Boilers. — Theory and efficiency. — Pumping Machinery. — Hoisting Machinery. *Half-course. Mon., Wed., Fri., at 9, and one hour a week for practical work (first half-year).* Mr. L. S. MARKS. (I.)

This course is intended for all students of Engineering. It is open to students who have passed satisfactorily in Course 8a.

- 11b hf.** Steam-Engine and Boilers. — Details of construction. — Valve gears and valve setting. — Lectures and laboratory work. *Half-course. Mon., Wed., Fri., at 9, and two hours laboratory work (second half-year).* Mr. L. S. MARKS. (I.)

This course is intended primarily for students of Mechanical Engineering, but it is open to all students who have passed satisfactorily in Course 11a. The course cannot be counted towards the degree of A.B.

- 12a *hf.* Thermodynamics of the Steam-Engine. — The theory and application to problems connected with steam. — Efficiency of engines and boilers. *Half-course. Mon., Wed., Fri., at 10 (second half-year).* Mr. L. S. MARKS. (II.)

This course is open to students who have passed satisfactorily in Courses 1c and 11a and Physics 6¹.

- 12c *hf.* Heating and Ventilation. — Warming buildings by hot water and steam. — Ventilation. *Half-course. Tu., Th., at 12 (second half-year).* Mr. —. (X.)

This course cannot be counted towards the degree of A.B.

- 13a *hf.* Engineering Laboratory. — Practical management of the steam-engine, pumps, boilers, and attachments. *Half-course. Fri., 1.30-4.30.* Mr. L. S. MARKS. (XIII.)

Courses 13a and 13b are intended primarily for students of Mechanical Engineering and Course 13d for students of Civil Engineering, but they may be taken by others who have had enough training in Engineering to profit by them. Courses 13a, 13b, and 13d cannot be counted towards the degree of A.B.

- 13b. Engineering Laboratory. — Testing machinery, boilers, and accessories. — Standardizing instruments. *Tu., Th., 1.30-4.30, Sat., 9-1.* Mr. L. S. MARKS. (XIV.)

See note under Course 13a.

- 13d *hf.* Engineering Laboratory. — Practical measurement of the flow of water, and testing hydraulic machinery. *Half-course. Th., 1.30-4.30.* Messrs. L. J. JOHNSON and TURNER. (XIV.)

See note under Course 13a.

- 14a. Machine Design. — Designing the parts of machinery. — Methods of proportioning the parts for strength and effect. Lectures, *Mon., Wed., at 1.30; draughting, four hours a week.* Mr. MOSES. (XIII.)

This course is open to students who have passed satisfactorily in Course 3d and who take or have taken Courses 5a and 5c and Courses 11a and 11b. It cannot be counted towards the degree of A.B.

- 14b. Machine Design. — Completed designs of machinery with estimates and specifications for contractors. Lectures, *Fri., at 1.30; draughting, four hours a week.* Mr. —. (XIII.)

This course is open to students who have passed satisfactorily in Course 14a. It cannot be counted towards the degree of A.B.

- 16a hf.** Industrial Applications of Electricity. *Half-course.* Lectures, Tu., Th., at 10; laboratory, three hours a week (first half-year). Mr. ADAMS. (VIII.)

This course is intended for students of Civil and Mechanical Engineering. It cannot be counted towards the degree of A.B.

- 16c [10] hf.** Direct Current Dynamo-Electric Machinery. — Theory, testing, and practice in management. *Half-course.* Lectures, Tu., Th., at 1.30; laboratory, three hours a week (first half-year). Messrs. ADAMS and SHAW. (XIV.)

This course is open to students who have passed satisfactorily in the mathematics and physics prescribed for the first and second years of the course in Electric Engineering.

- 16d [10] hf.** Direct Current Dynamo Electric Machinery. — Continuation of Course 16c, with practice in design and construction. *Half-course.* Lecture, Tu., at 1; laboratory, six hours a week (second half-year). Messrs. ADAMS and SHAW. (XIV.)

This course is open to students who have passed satisfactorily in Course 16c. It cannot be counted towards the degree of A.B.

- 16e [11] hf.** Alternators, Transformers, and Alternating Current Motors. — Theory, testing, and practice in management. *Half-course.* Lectures, Mon., Fri., 1.30; laboratory, three hours a week (first half-year). Messrs. ADAMS and SHAW. (XIII.)

This course is open to students who have passed satisfactorily in Course 16c.

- 16f [11] hf.** Alternators, Transformers, Alternating Current Motors and Allied Apparatus. — Continuation of Course 16e with practice in design and construction. *Half-course.* Lecture, Mon., at 1; laboratory, six hours a week (second half-year). Messrs. ADAMS and SHAW. (XIII.)

This course is open to students who have passed satisfactorily in Course 16c. It cannot be counted towards the degree of A.B.

- 18a hf.** Metallurgy. — Manufacture of the metals used in Engineering construction. — Lectures on the practical working of iron and steel. — Lectures *Half-course.* Mon., Wed., Fri., at 9 (first year). Mr. TORREY. (I.)

This course is intended primarily for students of Civil and Mechanical Engineering, but it may be taken by others. It cannot be counted towards the degree of A.B.

- 21.** Engineering conference on the general theory of machinery and the commercial and economic questions involved in the selection of types of machinery for given localities and duties. — Comparison of different methods of transmitting power. Professor HOLLIS.

This course is intended primarily for seniors in all branches of Engineering. It cannot be counted towards the degree of A.B.

22 hf. Contracts and Specifications. — The principles of Common Law as applied to contracts. — Practice in drawing up specifications. *One hour a week (second half-year).* Mr. COMANT.

This course cannot be counted towards the degree of A.B.

SUMMER COURSES.

For summer courses in Engineering, which can be counted towards the degrees of A.B. and S.B., see p. 124.

PHYSICS.

Primarily for Undergraduates.

B hf. Experimental Physics. Lectures (*Th., at 2.30*) and laboratory work (two hours). *Half-course.* Asst. Professor HALL and Mr. —. (XI.)

The laboratory exercises of Course *B* will be held on Monday, Tuesday, Wednesday, Thursday, and Friday afternoons, in most cases not before 2.30 o'clock.

Course *B* is substantially equivalent to the second alternative in the Elementary Physical Science of the requirements for admission. It is open to students who have not passed in this alternative nor taken in College any course in experimental physics.

C. Experimental Physics. — Measurements in Mechanics, Sound, Heat, Light, Electricity, and Magnetism. — Lectures and laboratory work, in four sections: I., *Mon., Wed., Fri., 9-11*; II., *Mon., Wed., Fri., 11-1*; III., *Tu., Th., Sat., 9-11*; IV., *Tu., Th., Sat., 11-1*. Messrs. SABINE and McLAUGHLIN. (XIII.)

Course *C* is substantially equivalent to the Advanced Physics of the requirements for admission. It is intended for those who wish simply to study accurate scientific methods, as well as for those who wish to prepare themselves for higher courses in physics, chemistry, or engineering. The course requires some previous practice in physical experimentation.

1. General Descriptive Physics. — Lectures (*Tu., Sat., at 10*) and laboratory work (two hours). Asst. Professor HALL. (VIII.)

Course 1 is arranged for students who wish to become acquainted with a wide range of physical phenomena, and with the means for exhibiting and applying such phenomena. It is intended for students who have taken Course *B* or who have passed in the second alternative of the Elementary Physics for admission, but may be taken by others who satisfy the instructor of their fitness to profit by the course.

This course will not under any circumstances remove an admission condition in Advanced Physics.

For Graduates and Undergraduates.

- *2. **Light and Heat.** — Lectures (*twice a week*) and laboratory work in thermometry, radiation, interference, polarization, and spectrometry (six to eight hours per week). Mr. SABINE.

Course 2 is adapted for students who have taken Physics C or 1 and Mathematics 2.

3. **Electrostatics, Electrokinematics, and parts of Electromagnetism.** — Lectures (*Tu., at 12*) and laboratory work (six to eight hours per week). Professor B. O. PEIRCE and Mr. DUANE. (X.)

Course 3 is adapted for students who take or have taken Mathematics 2 or its equivalent, and should be preceded by Course B or C.

4. **Electrodynamics, Magnetism, and Electromagnetism.** — Lectures (*Tu., Th., at 10*) and laboratory work. Professor TROWBRIDGE and Mr. SABINE. (VIII.)

Course 4 is intended for students who have taken Mathematics 2 or its equivalent and who have taken Physics 3.

5. **Light.** — A general treatment of Optical Phenomena. — Lecture, *Th., at 5*, and laboratory work. Professor TROWBRIDGE.

Course 5 is adapted for students who have taken Mathematics 2 or its equivalent, and should be preceded by Course B or C.

- 6¹ *hf.* **Elements of Thermodynamics.** *Half-course. Mon., Fri., at 2.30, and a third hour at the pleasure of the instructor (first half-year).* Asst. Professor HALL. (V.)

Course 6 is adapted for students who have taken Mathematics 2 or its equivalent.

- 6² *hf.* **Thermodynamic Potential.** *Half-course. Mon., Fri., at 2.30, and a third hour at the pleasure of the instructor (second half-year).* Asst. Professor HALL. (V.)

Course 6² is open to students who have taken Course 6¹, or who otherwise satisfy the instructor of their fitness.

Primarily for Graduates.

8. **Electrodynamics, with special reference to periodic currents of electricity.** — Laboratory work (nine hours per week). Professor TROWBRIDGE.

Course 8 is open to those students only who have taken Course 4 and who have no other laboratory course.

9. **The Mathematical Theory of Electrostatics and Electrokinematics.** Professor B. O. PEIRCE.

10. The Mathematical Theory of Electrodynamics and Electromagnetism.
Asst. Professor HALL.

Courses 9 and 10 are open to those students only who have some knowledge of the Newtonian Potential Function. Students are strongly advised to take Mathematics 10 before taking either of these courses.

COURSES OF RESEARCH.

20. To competent students who have acquired the requisite knowledge and practice, opportunities are offered of pursuing under the guidance of the instructors investigations of special topics as follows:—

- (a) Spectrum Analysis. *Mon., Tu., Wed., Th., Fri., Sat., 11-1.*
Professor TROWBRIDGE.
- (b) Investigation of Problems in Mathematical Physics. Professor
B. O. PEIRCE.
- (c) Electromagnetism and Heat Conduction. Asst. Professor HALL.

SUMMER COURSE.

For a summer course in Physics, which can be counted as a half-course towards the degrees of A.B. and S.B., see p. 124.

CHEMISTRY.

Primarily for Undergraduates.

[A. Elementary Chemistry (lectures). *Th., at 12 (first half-year).*]
Omitted in 1894-95.

B. Experimental Chemistry.—Lectures and laboratory work. *Tu., Th., 2.30-5.* Mr. TORREY. (XI.)

Course B is designed for Freshmen and all those desiring an elementary knowledge of the principles of Chemistry. It is not open to students who have passed in the Elective Chemistry at the examination for admission. Each exercise consists of a lecture or recitation, followed by laboratory work.

Course B may be taken either as a full course or as a half-course. Students desiring only a limited training in the methods of experimental Chemistry should take it as a half-course. In that case the student will attend the Tuesday exercises only.

Course B, taken as a half-course, may be taken in the same year with Physics B.

- 1. General Descriptive Chemistry, including its applications in the arts, and embracing the scheme of the chemical elements.—Lectures, *Mon., Fri., at 12*, and laboratory work *Tu., Th., 1.30-3.30, or Wed., Fri., 2.30-4.30.* Professor JACKSON. (IV.)

- [*2a. Mineralogy of common rocks, including a study of the characters and distribution of the mineral species constituting ordinary rock. — Metallic Ores, including blow-pipe assaying and the simpler methods of furnace assaying of gold and silver ores. *Mon., Wed., Fri., at 9, and laboratory work.* Mr. —.] (I.)
Omitted in 1894–95.

- *2. Mineralogy (including Crystallography, Physical and Chemical Mineralogy, and Descriptive Mineralogy). *Mon., Wed., Fri., at 10, with additional laboratory hours.* Asst. Professor WOLFF and Mr. WHITTLE. (II.)
Text-books: G. H. Williams's Elements of Crystallography and E. S. Dana's Text-book of Mineralogy.
To students intending to specialize in mineralogy or allied subjects additional instruction in the measurement and computation of crystals will be given.

3. Qualitative Analysis (chiefly laboratory work). *Mon., Wed., Fri., at 11.* Professor H. B. HILL. (III.)
Course 3 is open only to students who have taken Course 1.

4. Quantitative Analysis, gravimetric and volumetric (chiefly laboratory work). *Mon., Wed., Fri., at 3.30.* Asst. Professor RICHARDS. (VI.)
Course 4 may be taken with Course 3, but otherwise is only open to students practised in qualitative analysis.

For Graduates and Undergraduates.

The laboratory work in Courses 4a and 5 will be varied within certain limits according to the needs of each student.

- *4a. Quantitative Analysis (second course). — Laboratory work, including analyses of air, gases, water, minerals, iron, and sugar. *Mon., Wed., Fri., at 2.30.* Asst. Professor RICHARDS. (V.)
5. The Carbon Compounds. — Systematic lectures upon the theories of organic chemistry and the properties of the more important compounds. — Ultimate organic analyses. — Preparation of organic compounds in the laboratory. *Mon., Wed., Fri., at 9.* Professor H. B. HILL. (I.)
Course 5 is open only to students who have taken Course 1.
- 8 hf. History of Chemistry and Chemical Philosophy. *Half-course.* *Tu., at 12.* Asst. Professor RICHARDS. (X.)
Course 8 is required of all candidates for final honors in Chemistry.

Primarily for Graduates.

6. Advanced Problems in Inorganic Chemistry and Chemical Physics, including Molecular Weights and Volumes, Thermo-Chemistry, and Specific Refractive Power. — Lectures and laboratory work. *Mon., Wed., Fri., at 12.* DR. BANCROFT. (IV.)

In this course lectures are given by the students in rotation on topics assigned by the instructor; and the course will not be given unless a class of at least six persons is formed.

- [7. Crystallography and the Physics of Crystals. — Lectures and Practical Exercises. — *First half-year*: Discussion and measurement of crystals. — *Second half-year*: Crystal Optics. *Mon., Wed., Fri., at 10.*] (II.)

Omitted in 1894-95.

Either half of this course may be taken separately. Students proposing to study petrography are advised to take the second half in connection with Course 2.

COURSES OF RESEARCH.

20. To competent students who have acquired the requisite knowledge and practice, the following are offered as subjects of research under the guidance of the instructors named:—

- (a) Inorganic Chemistry, including Determination of Atomic Weights. Asst. Professor RICHARDS.
- (b) Aromatic Compounds. *Five times a week.* Professor JACKSON.
- (c) Organic Chemistry. *Six times a week.* Professor H. B. HILL.
- (d) Chemical Physics. *Five times a week.* DR. BANCROFT.
- [(e) Mineralogy.]

20e is omitted in 1894-95.

At the Laboratories of Boylston Hall the Professors will direct advanced students in Chemistry in any other special studies or investigations.

BOTANY.**Primarily for Undergraduates.**

- 1st hf. Botany. — Lectures (*Tu., Th., at 10, and a third hour at the pleasure of the instructor*) and laboratory practice. *Half-course (second half-year).* Professor GOODALE. (VIII.)

This course is required as an introduction to Courses 3 and 4. I. is intended for beginners and for those who wish to get a comprehensive view of the subject. It is open to Freshmen, and may be taken with advantage in the same year with Zoölogy 1.

- 2¹ hf.** Morphology of Plants. *Half-course. Mon., Wed., Fri., at 2.30,* and laboratory work (*first half-year*). Asst. Professor THAXTER. (V.)

This course cannot be taken separately from Zoölogy 2. Exceptions from this rule will be allowed only after consultation with and approval by the instructors in Zoölogy 1 and 2 and Botany 2. This course is open to those only who take or have taken Zoölogy 1. The number of students in the course is necessarily limited, and preference will therefore be given to those who intend to take Botany 4, Zoölogy 3, or 4, or Geology 15, or to study Medicine.

For Graduates and Undergraduates.

- *3.** Botany (second course). — Lectures (*Tu., Th., at 2.30*) and laboratory practice (*Tu., Th., and Sat.*). Professor GOODALE. (XI.)
Course 3 is open to those only who have taken Course 1.
- *4³ hf.** Cryptogamic Botany. — Lectures and laboratory work. *Half-course. Tu., Th., Sat., at 11 (second half-year).* Professor FARLOW and Asst. Professor THAXTER. (IX.)
Course 4 is open to those only who have taken Courses 1 and 2.

Primarily for Graduates.

COURSES OF RESEARCH.

- 20a.** Structure and Development of Phanerogams. — Experimental Vegetable Physiology. — Systematic Botany (Phanerogams and Pteridophytes). — Economic and Medical Botany. Professor GOODALE.
- 20b.** Structure and Development of Cryptogams. Professor FARLOW and Asst. Professor THAXTER.

SUMMER COURSE.

For a summer course in Botany, which can be counted as a half-course towards the degree of A.B. and S.B., see p. 124.

ZOOLOGY.

Primarily for Undergraduates.

- 1¹ hf.** Zoölogy. — Lectures and laboratory demonstrations. *Half-course. Tu., Th., and (at the pleasure of the instructor) Sat. at 10 (first half-year).* Dr. C. B. DAVENPORT. (VIII.)
The laboratory demonstrations of Course 1 will occupy each student three hours a week; there are five sections: I., 9-10 and 11-1, Tu.; II., 1.30-4.30, Tu.; III., 9-10 and 11-1, Th.; IV., 1.30-4.30, Th.; V., 9-10 and 11-1, S.

This course is required as an introduction to Zoölogy 2 and Botany 2. It is intended for beginners and those who wish to get a comprehensive view of the subject. It is open to Freshmen and may be taken with advantage in the same year with Botany 1.

- *2nd hf.** Morphology of Animals. — Laboratory work. *Half-course. Mon., Wed., Fri., at 2.30 (second half-year).* Dr. G. H. PARKER. (V.)
This course cannot be taken separately from Botany 2. For other conditions and exceptions see note under Botany 1.

For Graduates and Undergraduates.

- 3.** Comparative Anatomy of Vertebrates. — Lectures and laboratory work. *Tu., Th., Sat., at 9.* Dr. G. H. PARKER. (VII.)
 Course 3 is open to those only who have taken Course 2 and Botany 2.
- *4th hf.** Microscopic Anatomy. — Lectures and laboratory work. *Half-course. Mon., Wed., Fri. (first half-year).* Professor MARK and Dr. W. McM. WOODWORTH.
 Course 4 is preparatory to Courses 5 and 20a. It is open to those only who have taken Course 2, and may be taken advantageously either after or with Course 3.
- *5th hf.** Embryology of Vertebrates. — Lectures and laboratory work. *Half-course. Mon., Wed., Fri. (second half-year).* Professor MARK.
 Course 5 is open to those only who have taken Course 4.
- *6.** Experimental Morphology. — Lectures, laboratory work, and a thesis. *Tu., Th.* Dr. C. B. DAVENPORT.
 Course 6 is open to those only who have taken Course 2, and may be taken advantageously either after or with Course 3.
- *7th hf.** Nervous System and its Terminal Organs. *Half-course. Mon., Wed., Fri. (first half-year).* Dr. G. H. PARKER.
 Course 7 should ordinarily be preceded by Course 3 and is open to those only who have taken Course 2.

Primarily for Graduates.

COURSES OF RESEARCH.

- 20a.** Anatomy and Development of Animals. Professor MARK.
- 20c.** Comparative Osteology. Dr. SLADE.
 The osteological collection is open to advanced students for special study and investigation under the direction of the Instructor.
 Lectures at the option of the Instructor.

GEOLOGY.

Primarily for Undergraduates.

Courses 4, S 1 (see list of summer courses), 1, and 2 are intended for beginners and for those who wish to get a comprehensive view of these subjects. They are open to Freshmen.

Courses 1, 2, and 4, if taken by Seniors, cannot be counted for the degree.

4. Elementary Geology. — Lectures, laboratory and field work, with collateral reading. — Geikie's *Class Book in Geology* (8d ed.); Roberts' *The Earth's History*. *Mon., Wed., Fri., at 12*. Professor SHALER and Messrs. DODGE and DALY. (IV.)

Laboratory hours will be as follows:—*Tu., 1.30-4.30; Th., 9-12, 1.30-4.30; Wed., 1.30-4.30*.

This course may be taken as a half-course by students who omit the laboratory and field work.

Those who have taken Course 4 in previous years may take laboratory and field work as a half-course.

Course 4, taken as a full course, is required for admission to the advanced courses in Geology.

Students selecting Course 4 as a full course must keep Tuesday, Wednesday, or Thursday afternoon, or Thursday morning, free for field work.

S 1. Elementary Geology: Summer Course. See p. 125.

2¹ *hf.* Physical Geography. — Lectures, recitations, written exercises, and laboratory work. *Half-course. Mon., Wed., Fri., at 10, a laboratory conference of one hour on Tu. between 9 and 12, and additional laboratory hours (first half-year)*. Professor DAVIS and Mr. GRISWOLD. (II.)

Course 2 is recommended to students expecting to take Course 8, in preparation for the more advanced courses in geology, and is required for those intending to take Course 6 or 7.

1² *hf.* Meteorology. — Lectures, recitations, written exercises, and laboratory work. *Half-course. Mon., Wed., Fri., at 10, a laboratory conference of one hour on Tu. between 9 and 12, and additional laboratory hours (second half-year)*. Professor DAVIS and Mr. WARD. (II.)

Courses 2 and 1 together constitute a general course in elementary physical geography and meteorology.

For Graduates and Undergraduates.

*6² *hf.* Physical Geography of the United States. — Lectures, library work, and reports. *Half-course. Mon., Wed., Fri., at 12 (second half-year)*. Professor DAVIS. (IV.)

- [*7th *hf.* Physical Geography of Europe. — Lectures, library work, and reports. *Half-course.* *Mon., Wed., Fri., at 12 (second half-year).* Professor DAVIS.] (IV.)

Omitted in 1894-95.

Courses 6th and 7th will be given in alternate years. Course 2 is required and Course 4 is recommended in preparation for either, and in Course 7th the use of French and German books will be required.

- *8. General Critical Geology. — Lectures, field work, reports, and reading. *Wed., Fri. (and occasionally Mon.), at 9, and additional hours for conference and field work.* Mr. J. B. WOODWORTH. (I.)
Course 8 is open to those only who have attained satisfactory grades in Course 4 or its equivalent. Students taking this course must keep Thursday or Friday afternoon free for field work (see Course S 1 on p. 61).

S 2. Advanced course of field work: Summer Course. See p. 125.

- [*9. Structural and Dynamical Geology of the Stratified Rocks; with especial reference to the history and results of geological surveying in the United States. — Lectures, library work, and theses. *Twice a week.*] Omitted in 1894-95.
Course 9 is open to those only who have attained satisfactory grades in Course 8, or in Course S 2.

- *10 *hf.* Mining Geology. — Lectures, reading, and occasional field work. *Half-course. Three times a week, beginning the first Monday in December, and closing about the middle of April.* Mr. H. L. SMYTHE.

- *11 *hf.* Geological Surveying. — Lectures, field work, and reports. *Half-course. Three times a week, beginning the first Monday in December, and closing about the middle of April.* Mr. H. L. SMYTHE.

Mr. Smythe will direct the field work of students in Courses 10 and 11, in selected mining districts, during the summer vacation. Courses 10 and 11 are specially intended for students in the Lawrence Scientific School, and cannot be counted for the degree of A.B., except by consent of the Deans of the College and the Scientific School.

- *12. Petrography. — Lectures, laboratory work, and theses. *Tu., Th., at 11, and an occasional third hour, with additional laboratory hours.* Asst. Professor WOLFF and Mr. C. L. WHITTLE. (IX.)
Course 12 is open to those only who have taken Geology 4 and 5, or S 1, and Chemistry 2. The ability to read scientific German is desirable.

- *14. **Palaeontology.**—Lectures, laboratory work, and theses. *Mon., Wed., Fri., at 10, and additional laboratory hours.* Professor SHALEH, Dr. JACKSON, and Dr. EASTMAN. (II.)

Course 14 is open to those only who have taken Geology 4, Botany 1, and Zoölogy 1 (or who have an equivalent scientific preparation), and who can read scientific French and German.

- *15. **Historical Geology.**—Laboratory and field work, with conferences and theses. *Mon., at 3.30.* Professor SHALEH, Dr. JACKSON, Dr. EASTMAN. (VI.)

This course is designed to train advanced students in the use of fossils in identifying geological horizons. It is open to those only who already have some knowledge of geology and palaeontology. Geology 8, 14, and S 2 and Zoölogy 2, afford a suitable preparation.

- *16 *hf.* **Glacial Geology.**—Lectures, conferences, and field work. *Half-course. Wed., at 11, with additional hours for field work in October, November, April, and May, and for laboratory and library work from December to March inclusive.* Mr. J. B. WOODWORTH. (III.)

Course 16 is open to those only who have taken Courses 1, 2, and 4, or their equivalents. Courses 8 and 6 or 7 are also recommended. Students taking this course must keep one half-day in each week free for field work.

- *18. **Economical Geology.** Lectures, reading, and theses. *Wed., Fri., at 11, and additional laboratory hours.* Professor WHITNEY. (III.)

Course 18 is open only to those who have taken Geology 4 or S 1, and Chemistry 2. Geology 8 and 12 are also desirable as a preparation.

- *27 *hf.* **Pre-Cambrian Geology of North America:** with especial reference to the stratigraphy and economics of the rocks in the original Laurentian area and the region of the Great Lakes. *Half-course. Three times a week.* Mr. H. L. SMYTHE.

Course 8 and Chemistry 2 are required as a preparation for this course.

- [28¹ *hf.* **Geology and Mineralogy of building stones.** *Half-course. Three lectures a week with laboratory work (first half-year).* Asst. Professor WOLFF.]

Omitted in 1894-95; to be given in 1895-96.

Primarily for Graduates.

Students in these courses are expected to attend the meetings of the Geological Conference (see below).

COURSES OF RESEARCH.

20. Physical Geography (third course). — Conferences, reports, and theses. *Th.*, at 9, and a second hour at the pleasure of the instructor. Professor DAVIS. (VII.)

Course 20 is open to those who have passed satisfactorily in Course 2¹, and may be taken as a half-course by such students, following Course 2¹ in the second half of the same year.

21. Meteorology (second course). — Lectures, library work, and theses. *Th.*, at 11, and a second hour at the pleasure of the instructor. Professor DAVIS. (IX.)

Course 21 is open to those who have passed satisfactorily in Course 1¹.

- 22a. Advanced geological field-work. — Field and library work, with reports, conferences, and theses. *Tu.*, at 4.30. Mr. GRISWOLD, in coöperation with Professors SHALER and DAVIS, and Asst. Professor WOLFF.

This course gives training in the principles of Geological Surveying, with opportunity for original investigation in the field and practice in the preparation of geological maps and reports. It is open to those only who have passed satisfactorily in Courses 8 and 8 2, or in the summer work of Course 10, or the equivalent, and who have studied Mineralogy.

- 22b. Geological investigation in the field and laboratory, under the supervision of the instructors of the Department. Professor SHALER. This course is intended for students who have already passed in Courses 22a or 10, or their equivalent.

23. Petrographical research in the field and laboratory, with lectures and conferences on selected topics. *Three times a week.* Asst. Professor WOLFF.

This course is open to those only who have taken Course 12 or its equivalent.

24. Advanced Palaeontology. — Laboratory work and theses. Professor SHALER, Dr. JACKSON, and Dr. EASTMAN.

This course is open to those only who have studied Zoölogy and Palaeontology.

- 25 *hf*. Mineral Veins and Metalliferous Deposits: their mode of occurrence, and theories of their origin. Lectures, reading, and theses. *Half-course. Wed.*, at 11, and additional laboratory hours. Professor WHITNEY. (III.)

This course may be taken as a full course by qualified students who wish and are able to give the necessary additional time, and who can read scientific French and German with facility.

[26 *hf.* Geographical methods and results. *Half-course. Fri., at 11.*
Professor WHITNEY.] (III.)

Omitted in 1894-95.

This course is a discussion of the methods by which, from the earliest time, geographical information has been obtained and represented on maps and charts, and will include a survey of the lives and work of the great geographical discoverers.

S 3. Training in field research: Summer Course. See p. 125.

GEOLOGICAL CONFERENCE.

The instructors in the department will meet the more advanced students in the various courses on Tuesday evenings for the presentation of papers and reports upon subjects investigated by the members, with informal comment and discussion by those present. At every meeting there will be one or more leading papers on subjects previously announced, and discussion will be directed chiefly to the subjects thus presented. There will be also brief statements of work in progress, and comments on new publications and other matters of interest.

SUMMER COURSES.

For summer courses in Geology, which can be counted towards the degrees of A.B. and S.B., see p. 125.

AMERICAN ARCHAEOLOGY AND ETHNOLOGY.

For Graduates.

A course of special training in archaeology and ethnology, requiring three years for its completion, will be given by Professor PUTNAM. It will be carried on by work in the Laboratory and Museum, lectures, field work and explorations, and in the third year by some special research. The ability to use French and Spanish will be necessary.

For this course a knowledge of elementary chemistry, geology, botany, zoölogy, drawing, and surveying is required; and courses in ancient history, ancient art, and classical archaeology are recommended as useful.

- *1. General Anthropology, with special reference to American archaeology and ethnology.—Lectures and laboratory work. *Mon., Wed., Fri., at 3.30, with additional laboratory work.* Professor PUTNAM.

ANATOMY, PHYSIOLOGY, AND PHYSICAL TRAINING.

These courses can be counted towards the degree of S.B. but not towards the degree of A.B.

- 1st *hf.* The Elementary Physiology and Hygiene of Common Life. — Personal Hygiene. — Emergencies. *Half-course. Tu., Th., at 10, and a laboratory hour (second half-year.)* Asst. Professor G. W. FITZ. (VIII.)
- 2nd *hf.* History of Physical Education. Lectures. *Half-course. Mon., at 12.* Dr. SARGENT and Asst. Professor G. W. FITZ. (IV.)
In Course 2 a large amount of reading is required.
3. Physiology of Exercise. — Original experimental work and thesis. Laboratory work, *six hours a week.* Asst. Professor G. W. FITZ.
Course 3 must be preceded by the course in General Physiology at the Medical School, or its equivalent.
- 4th *hf.* Anthropometry. — Measurements and Tests of the Body. — Effects of Age, Nurture and Physical Training. — Lecture and Practical Exercises. *Half-course. Three times a week (first half-year.)* Dr. SARGENT.
- 5th *hf.* Applied Anatomy and Animal Mechanics. — Action of the Muscles in different exercises. — Lectures and demonstrations. *Half-course. Three times a week (second half-year.)* Dr. SARGENT.
- 6th *hf.* Remedial Exercises. — The Correction of abnormal conditions and positions. — Lectures and demonstrations. *Half-course. Twice a week (second half-year.)* Asst. Professor G. W. FITZ.
Courses 4, 5, and 6 must be preceded by the course in General Anatomy at the Medical School, or its equivalent.

MILITARY SCIENCE.

Military Science. — Lectures on military organization, tactics, logistics, strategy, operations, military engineering, modern arms and explosives, and military law. — Required reading and reports. *Tu., Th., at 12.* Lieutenant ROBINSON.
This course can be counted as a half-course towards the degree of A.B.

SUMMER COURSES OF INSTRUCTION.

Among the courses of instruction offered by Harvard University in the summer of 1894, the following can be counted, under the regulations of the Faculty of Arts and Sciences, towards the degrees of A.B and S.B:—

GERMAN.

S 2. Writers of the Nineteenth Century. — Lessing (Minna von Barnhelm). — Schiller (Wilhelm Tell). — Goethe (Hermann und Dorothea). — Riehl (Der Fluch der Schönheit). — Freytag (Aus Neuer Zeit, chapter V.). — Selections in Prose and Poetry. — Translations at sight of Modern German prose. — Grammar and composition. *Five times a week, for six weeks, beginning July 5 (to count as a half-course).* Assoc. Professor BARTLETT.

This course corresponds to Course 1a on p. 20, and to the advanced German requirement for admission.

FRENCH.

S 2. Grammar, reading and composition. — Daudet (Trois Contes choisis). — Mérimée (Colomba). — Sandeau (Mlle de la Seiglière). — George Sand (Marianne). — Corneille (Le Cid). — Racine (Britannicus). — Molière (l'Avare). — La Fontaine (Fables, Livre I.). — Kastner (French Composition, 60 pp.). *Five times a week, for six weeks, beginning July 5 (to count as a half-course).* Asst. Professor SANDERSON.

A student taking this course must have taken French A or have passed the admission examination in Elementary French.

PSYCHOLOGY.

S 1. Psychology. — Lectures with experimental demonstrations. *Six times a week, for six weeks, beginning July 5.* Professor MÜNSTERBERG.

S 2. Psychology. — Laboratory instruction in the methods of experimental psychology. *Six times a week, for six weeks, beginning July 5.* Professor MÜNSTERBERG.

Course S 2 is open to those only who at the same time take Course S 1.

If taken together these two courses can be counted as the equivalent of one full course towards the degree of A.B.; but neither of them can be counted otherwise for the degree.

MATHEMATICS.

- S 1. Plane Trigonometry.—Logarithms.—Problems in the calculation of heights, distances, and areas, and in sailing. *Five times a week, for six weeks, beginning July 5 (to count as a half-course).* Mr. LOVE.
- S 2. Elementary Solid Geometry. *Five times a week for six weeks, beginning July 5 (to count as a half-course).* Mr. LOVE.

ENGINEERING.

- S 1. Surveying, Plotting, and Topographical Drawing.—Johnson's Theory and Practice of Surveying.—Geodesy. *Six times a week for six weeks, beginning July 5 (to count as a half-course).* Mr. TURNER.
This course corresponds to Course 4a [2 of 1893-94] in Engineering, and when counted for a degree is subject to the same restrictions.
- S 2. Levelling.—Topographical Drawing.—Searle's Field Engineering.—Railroad Surveying, Location, and Construction. *Six times a week for six weeks, beginning July 5 (to count as a half-course).* Mr. TURNER.
This course corresponds to Course 4d [4 of 1893-94] in Engineering, and when counted for a degree is subject to the same restrictions.
- S 3. Draughting and Descriptive Geometry.—Problems in Geometrical Drawing.—Isometric Drawing.—Perspective. *Six times a week for six weeks, beginning July 5 (to count as a half-course).* Mr. MOSES.

PHYSICS.

- S 2. Experimental Physics.—Measurements in Mechanics, Sound, Heat, Light, Electricity, and Magnetism.—Laboratory work. *Six times a week for six weeks, beginning July 5 (to count as a half-course).* Mr. SARINE.
This course corresponds to Physics C, and to the advanced requirement in Physics for admission.

BOTANY.

- S 1. Vegetable Morphology and Systematic Botany.—Laboratory work in both subjects.—Lectures. *Five times a week, together with Saturday excursions for five weeks, beginning June 28 (to count as a half-course).* Mr. JONES.

GEOLOGY.

- S 1. Elementary Geology : at Cambridge. Exercises. *Five times a week for six weeks, beginning July 5 (to count as a half-course).* Mr. LADD.**

This course is parallel to Geology 4, and will be accepted as its equivalent in preparation for more advanced courses.

- S 2. Advanced course of field work in stratigraphical geology : at Utica, N. Y., Catskill, N. Y., and Meriden, Conn. *Six times a week for six weeks from August 14 (to count as a half-course).* Professor BRIGHAM and Mr. KUMMEL.**

This course is open to those who have taken Geology 4 or Course S 1, or who possess an equivalent amount of training in Geology. Students intending to take it are recommended to take also Geology 2 and 8 in preparation. It is required as a preparation for Geology 22a, and will be accepted as a preparation for Geology 9 and 15.

- S 3. Training in field-research, and in the methods of professional geological field-work, the results to be presented in a thesis : for advanced students. *To count as a full course, if pursued for not less than ten weeks ; as a half-course if pursued for less than ten weeks and not less than five.* Professors SHALER, and DAVIS, and Asst. Professor WOLFF.**

- S 4. Petrography. — Lectures and laboratory work. *Five times a week for six weeks, beginning July 5 (to count as a half-course).* Asst. Professor WOLFF.**

COURSES IN THE MEDICAL SCHOOL.

By vote of the Faculty the following laboratory courses to be given at the Medical School in 1894-95 are recognized as suitable courses for students in the Graduate School :—

Experimental Physiology, by Dr. BOWDITCH.

Anatomy, by Dr. DWIGHT.

Bacteriology (*given also in the summer of 1894*), by Dr. ERNST.

Comparative Vertebrate Embryology, by Dr. C. S. MINOT.

For further information application should be made to Dr. W. L. RICHARDSON, *Dean*, Harvard Medical School, Boylston Street, Boston.

EXAMINATION GROUPS.

No student is allowed to take more than one course in any of these groups, with the exception of half-courses which are not given in the same half-year and of the following: the courses having the same letter or number in Latin and Greek Composition; Physics *B* and Chemistry *B*; French 3 and German *A* or *B*; Philosophy 6 and 13. Italics indicate the only courses regularly open to Freshmen. (See p. 212.) The hours given are recitation hours. Courses in brackets will not be given in 1894-95.

<p>I. (M. W. F. at 9.)</p> <p>Semitic 3 Greek [16] Latin 13^a English 1, 18 French 6 Comp.Lit.2,[21¹],[22²] <i>History 1</i> Government 12, 18 Economics 1 Architecture 8a, [3b], [3c] Mathematics [11], 15 Engineering 4b, 4c, 11a, 11b, 18a <i>Chemistry 2a</i> Chemistry 5 Geology 8</p>	<p>III. (M. W. F. at 11.)</p> <p>Semitic 1 Greek 1 <i>Latin A, C, DII</i> Latin 8 English 3², 4 <i>German C, Ia</i> German 10¹ Germ. Phil. [16¹] Spanish 2 Philosophy 7, 8, 17 History 10 Architecture 2a Mathematics 2, 5, 21 Engineering [1c], 5a, 5c, 7a, 8a Chemistry 3 Geology 16, 18, 25, 26</p>	<p>XIII. (M.W.F.at 1.30.)</p> <p><i>Greek E</i> <i>Latin E</i> English 3¹ <i>German 4</i> <i>Spanish Ia, Ib</i> Philosophy [10¹], 11¹ History 8 Government 17 Engineering 2a, 2b, 3a, 4c, 4d, 10c, 10d, 10e, 13a, 14a, 14b, 16e, 16f <i>Physics C</i></p>
<p>II. (M. W. F. at 10.)</p> <p>Greek [11] Latin 1, 6 Class. Philol. 34 English 2, 8¹, 11 <i>German B,</i> <i>French 2</i> French [11], [12] Spanish [3] Philosophy 14, History [3], 9 Architecture 1a Mathematics 7a, [7b], [8], 16 Engineering 1a, 12a <i>Chemistry 2</i> Chemistry 7 <i>Geology 1^a, 2¹</i> Geology 14</p>	<p>IV. (M. W. F. at 12.)</p> <p>Semitic 4 <i>Greek B, DI</i> Greek [12] Class. Phil. [20], 28², 36¹, 39² English 5, 10r, [23] <i>German 2</i> Germ. Phil. [18] <i>French 14</i> Philosophy 2 History 11 Government 8 Architecture 1b Mathematics [6], 9 <i>Chemistry 1</i> Chemistry 6 <i>Geology 4</i> Geology, 6², [7²] Physiology 2</p>	<p>V. (M. W. F. at 2.30.)</p> <p>Semitic 7, 13, 16 Sanskrit 1 <i>Greek F</i> Greek 4 <i>Latin F</i> Class. Phil. 26 English [14], [17] German [6] Germ. Phil. 13¹, 14² Italian 3 Philosophy 1, 12 History [5], 15¹, 22 Economics 2 <i>Fine Arts I</i> Music 2 <i>Mathematics A¹, B², C</i> Mathematics 3, [18] Physics 6 Chemistry 4a Botany 2¹ Zoölogy 2¹</p>

VI. (M. W. F. at 3.30.) Semitic 8, (18, 16) Sanskrit 2 ¹ , 3 ² Class. Philol. 35 English 7, [9], 10 ¹¹ , 18 German 8, [9 ¹], [11 ²] <i>French 1c, 4</i> Philosophy 4, 18 Government 5, 11 Fine Arts 2 Music 5, [6] Mathematics 19 Chemistry 4 Geology 15	VIII. (Tu. Th. S. at 10) (continued). Rom. Phil. 3 Philosophy 5 Government 4 Economics 9 Mathematics 18, 17 Engineering 16a <i>Physics 1</i> Physics 4 <i>Botany 1²</i> <i>Zoölogy 1¹</i> Physiology 1 ²	XIV. (Tu. Th. S. at 1.30.) Sanskrit 4, 5 Greek 7 Latin 7 Class. Phil. [21] English (B ¹¹ , C ¹¹), 22 German 5 <i>Italian 1</i> Economics 3 <i>Mathematics D¹, E²</i> Engineering 4a, 10a, 10b, 13b, 13d. 16c, 16d
VII. (Tu. Th. S. at 9.) (Semitic 8) <i>Greek A</i> Greek 8 <i>Latin B, D¹</i> English [15 ²] <i>German 1c</i> Italian 2 Rom. Phil. 6 Philosophy 6, 18 <i>Government 1</i> Government 6 ¹ , 7 ² Economics 14 Fine Arts [3], 4 (Architecture 8a, [3b], [3c]) Mathematics 4 Engineering (4b), 6a, 6b, 6c Zoölogy 8 Geology 20	IX. (Tu. Th. S. at 11.) Semitic 12 <i>Greek C, D¹¹</i> Latin [11], 12 <i>German 1b</i> <i>French 1b</i> French [7], 8 Italian 4 Rom. Phil. [7] Philosophy 9 History [6], 7, 12 Economics 7, [12] <i>Mathematics F</i> Mathematics 12, 14 Engineering (1a), 2c, 8c, 8d, (6a), (6c) Botany 4 ² Geology 12, 21	XI. (Tu. Th. S. at 2.30.) Greek 3 Latin 3 English (B ¹¹¹), 12 <i>German E</i> German F, G French 5 Rom. Phil. [2 ²], 4, [5 ¹] Government [9 ¹], 10 ¹ , 16 ¹ Economics 5 ² , [6 ²], 8 ¹ Architecture 4a <i>Music 1</i> <i>Physics B</i> <i>Chemistry B</i> Botany 3
VIII. (Tu. Th. S. at 10.) Semitic 6 Greek 2, 6, [9] Class. Phil. [24 ²], 27 ² , 30 ¹ , [33 ¹] <i>English 28</i> English [24 ²] <i>German 3</i> <i>French 1a</i> French [9], 10	X. (Tu. Th. S. at 12.) Semitic 5, [14], [15] Greek 10 Latin 2, [10] <i>English A</i> English (B ¹ , C ¹ , BC), 16 Philosophy 3 History 13, 14 Economics 10 Mathematics 10 Engineering 6d, 12c Physics 3 Chemistry 8	XII. (Tu. Th. S. at 3.30.) Semitic 2 English (B ¹¹¹ , C ¹¹¹), 6 <i>German A, (B)</i> <i>French A, 3</i> Comparative Lit. 1 Philosophy 16 Government [15] Economics [11 ²], [18] Music [3], 7

Monday, Wednesday, and Friday.			
9.		10.	
Semitic 5. <i>M. F.</i>	S. 9.	III. Latin <i>C.</i>	S. 17.
Greek 16.	S. 26.	Latin 1.	S. 18.
II. Latin <i>C.</i>	S. 26.	Latin 6.	S. 18.
English 1.	S. 5.	Ia. English <i>A. M. W.</i>	S. 35.
English 18. <i>F.</i>	S. 1.	Ib. " " " "	U. Dane.
I. French <i>A.</i>	S. A.	Ic. " " " "	S. 14.
French 6.	S. 11.	Id. " " " "	U. Mass.
Comp. Lit. 2.	S. 16.	English <i>BC. F.</i>	L. S. S. G.
Hist. 1.	L. Mass.	English 2.	H. 6.
Hist. 24. 1st h.y.	Hollis 7.	English 8. <i>M. W.</i>	S. 11.
Gov. and Law 12.	U. 20.	English 11.	S. 5.
Economics I. (all sections) (at intervals)	U. Mass.	Ia. German <i>A.</i>	U. 17.
I. Economics 1.	U. E. R.	German <i>B.</i>	S. 6.
III. Economics 1.	U. 4.	I. French 2. <i>M. W.</i>	S. 32.
V. Economics I.	U. 16.	II. " " " "	S. 17.
Arch. 3a.	Arch. Bldg.	III. " " " "	S. 23.
Engineering <i>Ab.</i>	L. S. S.	French 2 (all sections). <i>F.</i>	U. Mass.
Engineering 11.	L. S. S.	Philos. 14. <i>W.</i>	D. L.
Engineering 18a.	L. S. S.	Hist. 9.	H. 5.
I. Physics <i>C.</i> 9-11.	J. 41.	II. Economics 1.	U. E. R.
Physics 8.	J.	IV. Economics 1.	U. 4.
Chem. 5.	B. 12.	VI. Economics 1.	U. 16.
Geology 8. <i>W. F.</i> (occ. <i>M.</i>)	U. M.	Math. 7.	U. 24.
		Math. 16. <i>M. W.</i>	S. 20.
		Engineering 1a.	L. S. S.
		Physics 6. <i>M. W.</i>	J. 3.
		Chem. 2.	U. M.
		Zoölogy 4.	U. M.
		Geol. 2 (1, 2d h.y.).	U. M.
		Geology 14.	U. M.

Tuesday, Thursday, and Saturday.			
Greek <i>A.</i>	S. 25.	Semitic 6. <i>S.</i>	S. 5.
Greek 8.	S. 29.	Semitic 7.	S. 9.
I. Latin <i>B.</i>	S. 19.	Greek 2.	S. 30.
I. Latin <i>D.</i>	S. 18.	Greek 6.	S. 29.
IVa. English <i>A. Tu. Th.</i>	U. Mass.	II. Latin <i>B.</i>	S. 18.
IVb. " " " "	S. 35.	Va. English <i>A. Tu. Th.</i>	U. Mass.
IVc. " " " "	U. E. R.	Vb. " " " "	S. 35.
IVd. " " " "	U. Dane.	Vc. " " " "	U. E. R.
German 1c.	S. 32.	Vd. " " " "	U. Dane.
V. French 2. <i>Tu. Th.</i>	S. 1.	IV. German <i>A.</i>	S. 32.
Italian 2.	S. 17.	III. German 1a. <i>Th. S.</i>	S. 26.
Rom. Phil. 6. <i>Tu. Th.</i>	S. 16.	German 8.	S. 6.
Phil. 6. <i>Th.</i>	D. L. S.	I. French 1a. <i>Tu. Th.</i>	S. 23.
Phil. 13. <i>Th. S.</i>	D. L. S.	II. French 1a. <i>Tu. Th.</i>	S. 13.
Gov. and Law 1.	L. Mass.	III. French 1a. <i>Tu. Th.</i>	S. 8.
Gov. and Law 6.	U. 20.	IV. French 1a. <i>Tu. Th.</i>	S. A.
Gov. and Law 7. 2d h.y.	H. 5.	French 1a (all sections). <i>S.</i>	S. 11.
Economics 14. <i>Tu. Th.</i>	U. 23.	IV. French 2. <i>Tu. Th.</i>	H. 6.
Fine Arts 4.	Sanders Theatre.	French 10.	S. 19.
Arch. 3a.	Arch. Bldg.	Rom. Phil. 3. <i>Tu. Th.</i>	S. 17.
Math. 4.	S. 20.	Philos. 5. <i>Tu. Th. (S. vol.)</i>	L. Dane.
Engineer. <i>Ab. Tu. Th.</i>	L. S. S.	Philos. 20d. <i>Th. 4-6.</i>	Quincy St.
Engineer. 6a.	L. S. S.	Gov. and Law 4.	H. 5.
III. Physics <i>C.</i> 11-1.	J. 41.	Economics 9.	U. E. R.
Physics 9. <i>Tu. Th.</i>	J. 22.	Math. 13.	U. 19.
Zoölogy 3. (Lect.)	U. M.	Math. 17. <i>Tu. Th.</i>	S. 24.
		Engineer. 16a. <i>Tu. Th.</i>	L.
		Physics 1. (Lect.) <i>Tu. S.</i>	J. 1.
		Physics 4. (Lect.) <i>Tu. Th.</i>	J.
		Botany 1. 2d h.y. <i>Tu. Th. (S.)</i>	U. M.
		Zoölogy 1. (Lect.) 1st h.y.	U. M.
		Hygiene 1. 2d h.y.	L.

Abbreviations: -- S. Sever Hall. U. University Hall. H. Harvard Hall. L. Lawrence Hall. B. Boylston Hall. Mass. Massachusetts Hall. U. E. R. University Examination Room.

Monday, Wednesday, and Friday.

II.		I2.	
Semitic 1. W.	S. A. and D. L. 2.	Greek B.	S. 29.
Semitic 3. M.	S. 9.	I. Greek D.	S. 30.
Greek 1.	S. 25.	Class. Phil. 36.	S. 15.
Latin A.	S. 29.	IIIa. English A. M. W.	S. 35.
I. Latin C.	S. 18.	IIIb. " " " "	L. Dane.
II. Latin D.	S. 26.	IIIc. " " " "	S. 14.
Latin 8.	S. 14.	IIId. " " " "	U. Mass.
IIa. English A. M. W.	S. 35.	I. English 10. M. F.	Holden.
IIb. " " " "	U. Dane.	English 5.	S. 1.
IIc. " " " "	S. 13.	Ib. German A.	U. 19.
IId. " " " "	U. Mass.	III. German A.	U. 17.
English 4.	S. 1.	II. German Ia. M. F.	S. 2.
II. German A.	U. 17.	III. German C.	S. 5.
I. German C.	S. 6.	German 2.	S. 6.
II. German C.	S. 5.	French 14. M. W.	S. 11.
I. German Ia. M. F.	S. 32.	Philos. 2.	U. Dane.
I. II. III. German Ia. W.	L. Dane.	Hist. 8. F.	U. 17.
German 10 (1st h.y.)	S. 2.	Hist. 11.	L. Mass.
V. French 3. M. W.	S. A.	Arch. 16.	S. 23.
Spanish 2.	S. 17.	Math. 9.	U. 24.
Phil. 7.	D. L. 3.	Chem. 1. (Lect.) M. F.	B. 9.
Phil. 17. M. W.	S. 3.	Chem. 6.	B.
Philos. 8.	U. 23.	Geology 4. (Lect.)	U. M.
Hist. 10.	L. Mass.	Hygiene 2. M.	L.
Math. 2.	S. 24.		
Math. 21. W. F. (W. 2d h.y.)	U. 24.		
Engineer. 5a.	L. S. S.		
II. Physics C. 11-1.	J. 41.		
Chem. 3.	B. 12.		
Geology 18. W. F.	U. M.		

Tuesday, Thursday, and Saturday.

Semitic 12. Tu. Th.	S. 5.	Semitic 5. Tu. Th.	S. 9.
Greek C.	S. 26.	Latin 2.	S. 18.
II. Greek D.	S. 26.	Greek 10.	II. 1.
Latin 12.	S. 14.	English A. (all sections). Tu. Th.	S. 11.
VIa. English A. Tu. Th.	U. Mass.	I. English B. Tu. Th.	S. 29.
VIb. " " " "	S. 35.	I. English C. Tu. Th.	U. Mass.
VIc. " " " "	U. E. R.	English 16. Th.	S. 1.
VId. " " " "	U. Dane.	English 27. Th.	S. 1.
English 27. Tu. 11-1.	S. 1.	II. German 16.	U. 17.
V. German A.	H. 6.	Philos. 3.	U. 16.
I. German 16.	U. 17.	Hist. 13.	L. Mass.
III. French A.	S. A.	Economics 10.	U. 4.
French 16.	H. 5.	Math. 10. Tu. S.	S. 20.
II. French 5. Tu. Th.	S. 19.	Also Th.	J. 22.
French 8.	S. 23.	Physics 3. Tu.	J. 6.
Italian 4.	S. 33.	Chem. 8. Tu.	B.
Philos. 9.	U. 16.	Military Science. Tu. Th.	H. 6.
Hist. 7. Tu. Th.	S. 6.		
Hist. 12.	L. Mass.		
Economics 7.	U. 4.		
Math. F.	S. 24 and H. 5.		
Math. 12.	U. 19.		
Engineer. 2c.	L. S. S.		
Engineer. 5a.	L. S. S.		
IV. Physics C. 11-1.	J. 41.		
Physics 1. (Lab.) 11-1.	J. 3.		
Physics 20a. Daily, 11-1.	J.		
Botany 4. 2d h.y.	U. M.		
Geology 13. Tu. Th.	U. M.		

J. Jefferson Physical Laboratory. D. Divinity Hall. D.L. Divinity Library. U. M. University Museum.
 M., Tu., W., Th., F.; and divided for the days of the week:

Monday, Wednesday, and Friday.			
1.30.		2.30.	
Greek <i>E. W.</i> (also <i>F.</i> 1st h.y.)	S. 29.	Semitic 1. <i>M. W.</i>	S. 9.
Latin <i>F. M.</i> (also <i>F.</i> 2d h.y.)	S. 18.	Sanskrit 1.	S. 16.
English 3. 1st h.y.	H. 6.	Greek <i>F. W.</i> (also <i>F.</i> 2d h.y.)	S. 29.
German 4.	U. Dane.	Latin <i>F. M.</i> (also <i>F.</i> 1st h.y.)	S. 26.
II. French <i>A.</i>	S. A.	Class. Philol. 26.	S. 27.
I. French 3. <i>M.</i>	S. 19.	Germ. Phil. 12. 1st h.y.	S. 2.
II. French 4. <i>F.</i>	S. 19.	II. French 3. <i>M.</i>	S. 19.
Spanish 1a.	S. 17.	III. French 4. <i>W. F.</i>	S. 19.
Spanish 1b.	S. 5.	Italian 3.	S. 17.
Phil. 11. 1st h.y.	U. 23.	Philos. 1.	U. Mass.
Hist. 8.	U. 20.	Philos. 12.	U. 23.
Gov. and Law 17.	L. Mass.	Hist. 15.	S. 6.
Arch. 1a.	Arch. B.	Hist. 22. <i>F.</i>	U. 20.
Engineer. 2a. (2b. 2d h.y.)	L. S. S.	Economics 2.	U. 4.
Engineer. 14a. <i>M. W.</i> 14b. <i>F.</i>	L. S. S.	Fine Arts 1.	S. 35 & 37.
Engineer. 16c. <i>M. F.</i>	L. S. S.	Music 2. <i>M. W.</i>	L. Dane.
Zoology 7. 1st h.y.	U. M.	Math. A.	H. 5 & S. 24.
		Math. C.	U. 19.
		Math. 3.	S. 20.
		Chem. 4a.	B. 2.
		Botany 2. 1st h.y.	U. M.
		Zoology 2. (Lect.) 2d h.y.	U. M.

Tuesday, Thursday, and Saturday.			
Sanskrit 4. <i>Tu. Th.</i>	S. 15.	Semitic 8. <i>Tu. Th.</i>	S. 9.
Greek 7. <i>Tu.</i>	S. 26.	Greek 3. <i>Tu.</i>	S. 26.
Latin 7. <i>Th.</i>	S. 14.	Latin 3. <i>Th.</i>	S. 18.
II. English <i>B. Tu. Th.</i>	S. 35.	III. English <i>B. Tu. Th.</i>	S. 35.
II. English <i>C. Tu. Th.</i>	U. Mass.	English 12. <i>Tu. Th.</i>	H. 1.
English 22.	S. 11.	German <i>E. Th.</i>	U. 17.
German 5.	S. 6.	German <i>F. Th.</i>	S. 6.
I. French 3. <i>Th.</i>	S. 19.	German <i>G. Th.</i>	S. 2.
II. French 4. <i>Tu.</i>	S. 19.	I. French 5. <i>Tu. Th.</i>	S. 19.
Italian 1.	S. 17.	Rom. Phil. 4. <i>Tu. Th.</i>	S. 17.
Economics 3. <i>Tu. Th.</i>	U. E. R.	Gov. & Law 10. <i>Tu. Th.</i>	U. 23.
I. Math. <i>D.</i>	H. 5.	Gov. & Law 16. <i>Tu. Th.</i>	U. 23.
II. Math. <i>D.</i>	U. 19.	Economics 5. 2d h.y.	U. 16.
Engineer. 16c. <i>Tu. Th.</i>	L. S. S.	Economics 8. 1st h.y. <i>Tu. Th.</i>	U. 4.
		Music 1. <i>Tu. Th.</i>	L. Dane.
		Physics <i>B. Th. (Lect.)</i>	J. 1.
		Botany 3. <i>Tu. Th.</i>	U. M.

Monday, Wednesday, and Friday.

3-30.			
Class. Phil. 35.	18 Concord Ave.	Semitic 13.	F. 2.30-4.30.
English 7. M.	L. Mass.	Semitic 16.	W. 2.30-4.30.
II. English 10. M. F.	Holden.	Sanskrit 2.	4.30.
English 13. F.	S. 1.	Greek 4. F.	2.30-4.30.
German 8.	S. 2.	French 20a.	M. W. 5.
German 11. 2d h.y.	S. 2.	Philos. 20a.	10-12.
I. French 1c. M. W.	S. 23.	Philos. 20b.	W. 7.30.
II. French 1c. M. W.	S. 13.	Philos. 20f.	W. 4.30.
III. French 1c. M. W.	S. A.	Economics 20.	M. 4.30.
French 1c. (all sections). F.	S. 11.	Engineer. 3a.	1.30-3.30.
II. French 3. W.	S. 19.	Engineer. 13a.	F. 1.30-4.30.
I. French 4. M. F.	S. 19.	Physics 4. (Lab.)	2-5.
Philos. 4.	U. 16.	Chem. 1. (Lab.)	W. F. 2.30-4.30.
Philos. 13. M.	S. 8.	Geology 6. W. F.	11-1.
Hist. 5.	U. 17.		
Gov. and Law 11. W. F.	U. 20.		
Fine Arts 2.	S. 35 & B.		
Music 6. M. F.	L. Dane.		
Math. 19.	U. 19.		
Chem. 4.	B. 2.		
Geology 15. M.	U. M.		

Tuesday, Thursday, and Saturday.

Semitic 2. Tu. TA.	S. 9.	Semitic 10. TA. 4.30.	9 Farrar St.
IV. English B. Tu. TA.	S. 24.	Class. Phil. 25. TA. 7.30-8.30.	H. 3.
III. English C. Tu. TA.	S. 5.	(7.30-9.30, 2d h.y.)	Cl Lib.
German B. Tu. TA.	S. 6.	Class. Sem. Tu. TA. 2.30-4.	H. 1.
III. French 3. Tu. TA.	S. 19.	English 6. TA. 3.30-5.30.	16 Quincy St.
IV. French 3. Tu. TA.	S. A.	French 20. Tu. 3.	12 Holyoke Pl.
Comp. Lit. 1. Tu. TA.	S. 17.	Also TA. 5.	Dane.
Philos. 16. Tu. TA.	S. 8.	Philos. 20a. 10-1.	103 Irving St.
Music 3. Tu.	L. Dane.	Philos. 20c. Tu. 7.30-9.30.	Arch. Bldg.
Zoology 6. Tu. TA.	U. M.	Arch. 2a. 9-12.	Arch. Bldg.
		Arch. 4a. 2-4.30.	L. S. S.
		Engineer. 3c. 11-1.	L. S. S.
		Engineer. 7a. 11-1.	L. S. S.
		Engineer. 13b. Tu. TA. 1.30-4.30.	Engin. Lab.
		(Also S. 9-11.)	" "
		Engineer. 13d. TA. 1.30-4.30.	" "
		Physics 2. (Lect.) 7 P.M.	C't 7.
		Physics 5. TA. 5.	J.
		Chem. B. 2.30-5.	B. 5.
		Chem. 1. (Lab.) Tu. TA. 1.30-3.30.	B.

LECTURES, EVENING READINGS, CONCERTS, ETC.

In addition to the courses of instruction described in the preceding pages, many lectures and readings are given each year under the auspices of the University, most of them open to the public. Last year were given:—

Rumford Lectures. Four lectures on the Application of Science to the Useful Arts. Subjects as follows:—

1. Transmission of power by electricity. Mr. H. B. SHAW.
2. Conversion of electricity into light, with experiments on high tension electricity. Mr. A. W. K. BILLINGS.
3. Wave lengths of electricity. Mr. ST. JOHN.
4. The problem of telegraphing through the air without wires. Mr. P. L. SPALDING.

Ten lectures on Anthropology. Subjects as follows:—

1. Anthropology and what it includes. Professor PUTNAM.
2. Primitive culture as deduced from language. Professor TOY.
3. Early life and thought in India. Professor LANMAN.
4. The beginnings of Babylonian culture. Professor LYON.
5. Prehistoric remains at Troy, Mycenae and Tiryns. Professor GOODWIN.
6. Egypt at the dawn of history. Mrs. C. STEVENSON (Hon. Curator Egyptian section of University of Pennsylvania).
7. Indian song in relation to the Indian's life and his mental and psychical development. Miss ALICE C. FLETCHER (holder of the Thaw Fellowship).
8. The origin of the Tribe. Miss ALICE C. FLETCHER.
9. The Necropolis of Ancon, Peru. Mr. G. A. DORSEY.
10. American Archaeology. Professor PUTNAM.

At the Divinity School Chapel:—

Five lectures on the Minister and his Work, by Rev. WASHINGTON GLADDEN, D.D. Subjects as follows:—

1. The Minister as Student.
2. The Minister as Teacher.
3. The Minister as Pastor.
4. The Minister as Missionary.
5. The Minister as Citizen.

Four lectures on the Work of a Christian Minister, by Bishop J. H. VINCENT. Subjects as follows:—

1. The Pastor as a Teacher. 2. The Pastor as a Colleague. 3. The Pastor as an Administrator and Friend. 4. The Pastor as a Christian.

Five lectures by Hon. GEORGE S. HALE. Subjects as follows:—

1. The civil law and the minister.
2. Present relations of the law to religious organization—property rights and discipline.
3. Real estate, etc., held for religious purposes.
4. Clergymen and their legal powers and duties.
5. The enforcement and reform of the law.

Six lectures on the Principles of Congregationalism, by Rev. E. E. HALE, D.D. Subjects as follows:—

1. Organization and officers of the Early Christian Church.
2. New England Congregationalism. Its standards, its methods, and its history.
3. The Congregational System in its work to-day.
4. The ritual of Congregational Churches (2).
5. The work of a Congregational Church in education, in hospitality, and in charity.

Lecture on the Parliament of Religions. Professor TOY.

Lectures on the Fine Arts. Subjects as follows:—

Six lectures on Early and High Renaissance Painting in Italy. Professor JOHN C. VAN DYKE, of Rutgers College, New Brunswick, N. J.

Five lectures on the Decorative Painting of the Renaissance and its lesson for the present times. Mr. EDWIN HOWLAND BLASHFIELD, of New York City.

Six lectures on Illustrative Art, sketching, composition, and the picturesque. Mr. F. HOPKINSON SMITH, of New York City.

Five lectures on architectural topics. Mr. THOMAS HASTINGS, of New York City.

Thirteen lectures on literature, by Mr. COPELAND, including five on the English drama; one on "Edwin Booth as an Actor"; and one on "Journalism and Bohemia."

A series of five readings, by Mr. HAYES. Subjects as follows:—

1. Miscellaneous Reading. 2. "Twelfth Night." 3. "In a Balcony" Browning. 4. "A Midsummer Night's Dream." 5. Miscellaneous Reading.

Dudleian Lecture. The first anniversary lecture. Subject: "The proving, explaining and proper use and improvement of the principles of natural religion, as it is commonly called and understood by divines and learned men." **Rev. S. M. CROTHERS.**

Address on the necessity of civil-service reform and the way to secure it. **Mr. MOORFIELD STOREY** and **Mr. RICHARD HENRY DANA.**

Lecture on University study of education and teaching. **Professor HANUS.**

Lecture on Japan, its past and present. **Mr. N. KISHIMOTO.**

Ten lectures on the Teaching of French. **Professor DE SUMICHRIST.**

Lecture on Impressions of America as seen at Chicago. **Prince SERGE WOLKONSKY**, Commissioner to the World's Fair of the Russian Imperial Ministry of Education.

Lecture on the Forerunners of the Republican Party in the Northwest. **Mr. T. C. SMITH.**

Lecture on the Gorilla and other Apes of the great Equatorial African Forest. **Mr. PAUL DU CHAILLU.**

Lecture on Hampton Institute for Colored and Indian Youth (fully illustrated by stereopticon). **Rev. A. B. TURNER**, Chaplain of the School.

Lecture on recent movements in art, with stereopticon illustrations of paintings at the World's Fair. **Mr. S. S. CUREY.**

At the meetings of the seminaries and conferences the following subjects were presented:

At the Seminary of Classical Philology:—

Introductory. The aim and scope of Classical Philology. **Professor SMITH.**

History of Classical Philology. **Professor SMITH.**

Bibliographical aids; works of reference; periodicals. **Professor HOWARD.**

Greek epigraphy and palaeography. (2) **Professor ALLEN.**

Geography of Greece. **Mr. PARKER.**

Topography of Athens. **Professor GOODWIN.**

The study of Greek history. **Professor WRIGHT.**

Geography of the Roman Empire. **Mr. PARKER.**

Topography of the city of Rome. **Mr. PARKER.**

The study of Roman history. **Mr. PARKER.**

Greek political antiquities. (2) **Professor GOODWIN.**

Greek chronology and calendar. **Professor WRIGHT.**

Roman chronology and calendar. **Dr. HATLEY.**

- Greek legal antiquities. Professor GOODWIN.
 Greek military antiquities. (3) Dr. HAYLEY.
 Roman political antiquities. (2) Professor HOWARD.
 Roman legal antiquities. Professor HOWARD.
 Roman military antiquities. (2) Dr. HAYLEY.
 Greek metrology and money. Professor GOODWIN.
 Roman metrology and money. Dr. HAYLEY.
 Greek private antiquities. (3) Professor ALLEN.
 Roman private antiquities. (3) Professor GREENOUGH.
 Greek religion and worship. Professor MORGAN.
 Roman religion and worship. Professor GREENOUGH.
 Greek and Roman art. (2.) Professor WRIGHT.
 Rhythmic and metric. Professor ALLEN.
 History of Greek and Latin languages. (2) Professor LANMAN.
 History of Greek literature. (3) Professor MORGAN.
 History of the Latin literature. (3) Professor SMITH.
 History of Classical Philology. Professor SMITH.
 The Infinitive in Tibullus. Mr. G. E. HOWES.
 The nationality of Agesias in Pindar's Sixth Olympian Ode. Mr. W. F. HARRIS.
 The Ion and Creusa of Sophocles. Mr. A. S. COOLEY.
 The scenic representation of the Ajax of Sophocles. Mr. C. N. BROWN.
 On a disputed passage in Thucydides, II, 7. Mr. J. R. TAYLOR.
 On Homer, Iliad XXIV, 265-274. Mr. F. C. BABBITT.
-

At the Seminary of American History and Institutions :—

- The Sources of American history. (2) Dr. WINSOR.
 Nullification in South Carolina. (2) Mr. D. F. HOUSTON.
 Present methods of nomination for political offices. Mr. F. W. DALLINGER.
 English precedents for Colonial Press restrictions. Mr. C. A. DUNIWAY.
 The relations of Vermont and the British authorities, 1776-1788. Mr. W. G. BROWN.
 Religious toleration in the Colonies. Mr. E. H. CASTLE.
 Church and State in Virginia, 1607-1776. Mr. J. O. CAMPBELL.
 Land systems of the English Colonies. Mr. P. L. HORNE.
 Interpretations of the Ordinance of 1787. Mr. A. H. SANFORD.
 The organization of the treasury department. Mr. C. T. WENTWORTH.
 Regulation of immigration by the Colonial governments. Mr. E. E. PROPER.
 Anti-federalism in Pennsylvania, 1787-88. Mr. S. B. HARDING.

The evils of the present caucus system. Mr. F. W. DALLINGER.
 The Colonial government of Rhode Island. Mr. A. M. MOWRY.
 Church and State in the Province of Massachusetts Bay. Mr. J. O. CAMPBELL.

At the Seminary of Economics:—

The economic congresses and meetings at Chicago. Professors CUMMINGS and TAUSSIG.

The economic and statistical meetings at Chicago. Professor TAUSSIG.
 Combinations among anthracite coal producers since 1873. Mr. VIRTUE.
 Results of recent investigations on prices in the United States. Professor TAUSSIG.

Some phases of public management of railways in Victoria (Australia). Mr. H. R. MEYER.

Local rivalry in the earlier development of internal improvements in the United States. Mr. A. M. DAY.

Forestry legislation in the United States. Mr. C. C. CLOSSON.

The Trunk Line Pool, and its effects on railway rates. Mr. G. L. SHELTON.

Sismondi and the theory of gluts. Mr. C. W. MIXTER.

The earlier stages of the operation of the Erie canal. Mr. W. R. BUCKMINSTER.

The income tax of the civil war. Mr. J. A. HILL.

Internal improvements in Illinois. Mr. G. S. CALLENDER.

Changes in the factory population of the United States. Mr. E. H. VICKERS.

The Canadian Pacific Railway. Mr. G. W. COX.

Public railway management in New South Wales. Mr. H. R. MEYER.

The development of the theory of gluts and over-accumulation. Mr. C. W. MIXTER.

Compulsory insurance in Germany. Mr. J. G. BROOKS.

The Erie canal. Mr. W. R. BUCKMINSTER.

The factory system in the United States. Mr. E. H. VICKERS.

At the Geological Conferences:—

Interpretation of topographic maps. Mr. C. P. GULLIVER.

Exhibition of new paleontological materials. Dr. R. T. JACKSON.

The geological exhibits at the World's Fair. (2) Dr. T. W. HARRIS.

A note on the Osage river. Professor DAVIS.

The unconformity between the upper and lower Marquette horizons. Mr. J. R. FINLAY.

The Newburyport silver mines. Mr. H. L. NEWMAN.

- Fossils of the Winthrop drift. Mr. R. E. DODGE.
Geikie's text-book, 3d edition. Mr. J. B. WOODWORTH.
The iron ores of the Lake Superior region. Mr. J. R. FINLAY.
Geology of Hough's Neck. Mr. T. W. VAUGHAN.
The south-eastern border of the Boston Basin. Mr. C. F. MARBUT and Mr. J. UNDERHILL.
Methods of mining in the Lake Superior iron region. Mr. J. R. FINLAY.
The geology of Dorchester. (2) Mr. N. S. EASTON.
The Keweenaw rocks at Calumet, Michigan. Mr. L. S. GRISWOLD.
Notes on meandering river gorges, on drumlins in Baden, and on R. Credner's monograph on the Island of Rügen, Prussia. Professor DAVIS.
Preliminary account of the geology of Ascutney Mount, New Hampshire. Mr. R. A. DALY and T. A. JAGGAR.
The geology of Block Island. Mr. J. B. WOODWORTH.
Preliminary report on the geology of the Lantern Hill district of Connecticut. Mr. F. P. GULLIVER.
Some triassic and jurassic fossils from the West. Dr. R. T. JACKSON.
The geology of Hingham. Mr. J. UNDERHILL.
Ripple-marked sandstones. Mr. T. A. JAGGAR.
The geology of Brighton. Mr. G. C. CURTIS.
The geology of Newton. Mr. H. H. KEELER.
An illustration of the structural principles of the Boston Basin. Dr. T. W. HARRIS.
Geology of part of Brookline. Mr. H. L. NEWMAN.
Final report on the geology of Nantasket. Mr. C. F. MARBUT.
The geology of Weymouth. Mr. T. W. VAUGHAN.
Notes on the geography and geology of the Nile Valley. Mr. R. DeC. WARD.
The chemical relationship of the eruptive rocks of the Crazy Mts., Montana. Professor WOLFF.
Some recent work in the Boston Basin. Mr. L. S. GRISWOLD.
The origin of Greenwich Cove, R. I. Mr. J. B. WOODWORTH.
The new timber reserve of the Yellowstone National Park (illustrated with the stereopticon). Mr. T. A. JAGGAR.
Preliminary report on movements in snow. Mr. A. J. COLLIER.
Preliminary report on soils. Mr. H. H. KEELER.
Zinc deposits of eastern United States. Mr. C. F. MARBUT.
The miocene of southwest Georgia. Mr. A. H. BROOKS.
A preliminary contribution to the eocene paleontology of Louisiana. Mr. T. W. VAUGHAN.
The extent and characteristics of the Trenton limestone in the United States. Mr. C. ABBE.

Concerning the composition and origin of clays. Mr. G. E. LADD.

The properties of clays and their examination. Mr. G. E. LADD.

The occurrence of a fauna in the Somerville slates. (2) Mr. J. B. WOODWORTH.

A map of the south side of the Boston Basin. Mr. J. UNDERHILL.

The ice-gorge at Niagara. Mr. F. P. GULLIVER.

Iron ores of the Pacific Slope. Mr. A. J. COLLIER.

Zinc deposits of the Mississippi Basin. Mr. C. F. MARBUT.

Some geological and geographical sketches. Mr. G. C. CURTIS.

Studies of walled ponds and shore ramparts. Mr. N. S. EASTON.

Interpretation of geographical conditions during the geological epochs.

Dr. T. W. HARRIS.

Pyrite mines near Mineral City, Virginia. Mr. J. UNDERHILL.

Evolution of some forms of flabellum. Mr. T. W. VAUGHAN.

Plains of marine and subaerial denudation. Professor DAVIS.

Hematite deposits near Pittsfield, Mass. Mr. J. UNDERHILL.

Inclined topography. Mr. F. P. GULLIVER.

A cane swamp-on Rumstick Neck, Narragansett Bay. Mr. J. B. WOODWORTH.

Iron mines at Mineville, N. Y. Mr. H. L. NEWMAN.

Current mark. Mr. T. A. JAGGAR.

A peculiar form of stigmaria root. Dr. R. T. JACKSON.

Some homologies of the Atlantic coast line. Mr. C. ABBE, Jr.

The south-eastern border of the Narragansett Basin. Mr. N. S. EASTON.

The northern border of the Narragansett Basin. Mr. C. F. MARBUT.

Preliminary report on the south-western margin of the Boston Basin. Mr. A. J. COLLIER.

Preliminary report on shore erosion on drumlins. Mr. G. C. CURTIS.

Preliminary report on boulder trains near Arlington. Mr. H. H. KEELER.

A standard set of cloud views (illustrated by stereopticon). Mr. R. DE C. WARD.

Zinc deposits of the Mississippi Valley. Mr. H. L. NEWMAN.

Studies of sea beaches. Mr. H. I. RICHMOND.

The Quincy granite quarries. Mr. J. UNDERHILL.

At the Modern Language Conferences:—

What is a dialect? Professor SHELDON.

The Virgin in Spanish poetry and art of the sixteenth and seventeenth centuries. (2) Professor MARSH.

The influence of the eighteenth century Passion Oratorio upon Klopstock's Messiah. Professor FRANCKE.

The latest attempt to find Balder. — Reports on periodicals. Professor KITTEDGE.

The models and sources of Gulliver's travels. Dr. POLL.

The present state of investigations about the Finn Saga. Professor SCHILLING.

Before the Boylston Chemical Club :—

The salt mines at Stassfurth. Dr. T. W. RICHARDS.

The dissociation theory. Dr. W. D. BANCROFT.

Mitscherlich's law of Isomorphism. Mr. F. L. DUNLAP.

On some methods of analysis. Mr. H. E. SAWYER.

The manufacture of lenses. Mr. J. TORREY.

Mendeleeff's classification. Mr. E. F. ROGERS.

Routine of urinary analysis. Dr. J. B. OGDEN.

Writing inks. Professor H. B. HILL.

Albumen in urine and the importance of that body in the diagnosis of disease. Professor E. E. CALDER of Brown University.

Before the Classical Club :—

Translation of the Frogs of Aristophanes (illustrated with stereopticon).

(2) Professor GOODWIN.

Translation of Oedipus Tyrannus of Sophocles (illustrated by views of the performance at Harvard in 1881). (2) Professor MORGAN.

Dörpfeld's contributions to Greek archaeology (illustrated by stereopticon). Mr. S. J. BARROWS.

Latest discoveries at Troy (illustrated by stereopticon). Professor GOODWIN.

Before the Graduate Club :—

The World's Fair. Professor NORTON.

The historical spirit. Dr. A. V. ALLEN.

American characteristics and foreign prejudices. Professor MÜNSTERBURG.

Under a white umbrella. Mr. F. HOPKINSON SMITH.

University work in France. Professor DE SUMICRAST.

The relations of technical and professional to general education. President FRANCIS A. WALKER.

The new change in French socialism. Mr. J. G. BROOKS.

The arrangement of the student's day. President ELIOT.

Life in Russian universities. Mr. A. CHESSIN.

Boole's Algebra of Logic. Professor J. M. PEIRCE.

Before the Harvard Engineering Society :—

The training of an engineer. Engineer-in-Chief G. W. MELVILLE, U. S. N.

The history of the locomotive (illustrated with the stereopticon). Professor F. R. HUTTON.

Railway signaling. Mr. A. H. JOHNSON.

Before the Cercle Français : —

Professor BÔCHER : Les Expositions de Peinture à Paris en 1898.

Professor VAN DAELL (Institute of Technology): Maeterlinck.

Professor WENDELL : La littérature française.

Mr. BRUN : Le Monologue.

Dr. MARCOU : L'Anarchisme en France.

Professor CUMMINGS : Souvenirs de Paris.

Professor DE SUMICHRIST : Les Conteurs réalistes.

Subjects discussed in the Oral Debates of English 6 (see p. 00) : —

1. *Resolved*, That Governor Altgeld was justified in pardoning the Chicago anarchists.

2. *Resolved*, That Congress should take adequate steps to protect the exercise of the suffrage by negro voters in the South.

3. *Resolved*, That the Irish Government Bill of 1893 ought to be passed.

4. *Resolved*, That further restriction on immigration from Europe is practicable, and should be imposed.

5. *Resolved*, That all civilized nations should adopt the single gold standard.

6. *Resolved*, That Congress should repeal, under proper restrictions, the tax on State bank notes.

7. *Resolved*, That the right of suffrage should be extended to women.

8. *Resolved*, That American cities should own and manage all gas works, electric light works, and surface railways.

9. *Resolved*, That the United States should take immediate steps toward complete ownership and management of the telegraph.

10. *Resolved*, That party affiliation is preferable to independent political action.

11. *Resolved*, That university football, as played under existing rules, is in serious need of reform.

12. *Resolved*, That the policy of excluding Chinese laborers from the United States should be maintained and rigorously enforced.

13. *Resolved*, That the policy pursued by President Cleveland in regard to the reform of the Civil Service deserves praise.

14. *Resolved*, That the policy of President Cleveland on the proposed annexation of Hawaiian Islands deserves praise.

15. *Resolved*, That the tariff changes in regard to wool and woollen goods, as proposed in the Wilson bill, should be carried out.
 16. *Resolved*, That capital punishment should be abolished.
 17. *Resolved*, That the principle of unanimity in jury verdicts should be maintained in criminal cases.
 18. *Resolved*, That the United States should form a Customs Union with Canada.
 19. *Resolved*, That in times of depression municipalities should provide work for the unemployed.
 20. *Resolved*, That all sugar should be admitted free of duty.
 21. *Resolved*, That all executive duties in American cities should be concentrated in the hands of the mayor, and that his appointments should not require confirmation by aldermen or council.
 22. *Resolved*, That the bill for the adoption of the Norwegian system of liquor selling, now pending before the Massachusetts House of Representatives, should be enacted.
 23. *Resolved*, That the principle applied by ex-Speaker Reed for ascertaining the presence of a quorum is unsound.
 24. *Resolved*, That United States senators should be elected by direct popular vote.
 25. *Resolved*, That the policy followed by the United States of late years toward maintaining a large and powerful navy, is sound.
 26. *Resolved*, That all officers of the federal government, except cabinet officers, should be prohibited from taking any active part in political discussion or party organization.
 27. *Resolved*, That cabinet ministers should be allowed to take part in the debates of Congress.
 28. *Resolved*, That in the Congressional elections of 1894, a Democratic majority should be returned in the House of Representatives.
-

Subjects discussed at the meetings of the Harvard Union :—

1. *Resolved*, That the election of United States Senators should be by direct vote of the people.
2. *Resolved*, That the president of the United States should hold office six years and be ineligible for re-election.
3. *Resolved*, That the Parliament of Religions, 1893, will be beneficial to the progress of Christianity.
4. *Resolved*, That the bill for an income tax as proposed in Congress should be passed.
5. *Resolved*, That the United States should maintain bimetallicism without regard to other nations.

Subjects discussed at the Wendell Phillips Club :—

1. *Resolved*, That the "hard times" of the present year have been mainly caused by the uncertainty about the tariff legislation.

2. *Resolved*, That it is for the interest of the public that natural monopolies, such as water-works, gas and electric light plants, etc., should be owned and operated by the municipalities in which they are situate.

3. *Resolved*, That the English House of Lords should be abolished and an elective body substituted in its place.

4. *Resolved*, That the removal of the tax on State bank notes and the issue of notes by such banks, under Federal supervision, would be preferable to a continuancy of the National Bank system.

5. *Resolved*, That international bimetalism is practicable, and preferable to the continued maintenance of the present gold standard.

6. *Resolved*, That the policy of the present Administration in regard to Hawaii is to be condemned.

7. *Resolved*, That the United States Senators should be elected by the direct vote of the people of the respective States.

8. *Resolved*, That the proposed Federal Income Tax will be for the best interests of the country.

9. *Resolved*, That President Eliot's stand in College athletics should be endorsed.

10. *Resolved*, That in times of distress either the states or the municipalities should directly furnish employment to the unemployed members of the community.

11. *Resolved*, That unanimity in jury verdicts is desirable.

12. *Resolved*, That members of Cabinets should be given full membership in the House of Representatives.

13. *Resolved*, That when necessary to obtain a quorum in the House of Representatives, the Speaker should be empowered to compel the voting of members.

14. *Resolved*, That the Gothenburg system of regulating the liquor traffic is desirable.

15. *Resolved*, That the mayors of cities should appoint the heads of municipal departments.

16. *Resolved*, That Coxey's methods are to be condemned.

Wendell Phillips and his relations to modern oratory. Colonel HIGGINSON.

The need of able public speakers. Governor GREENHALGE.

The thirteenth series of Orchestral Concerts, ten in number, was given by the Boston Symphony Orchestra, in Sanders Theatre; and the fourteenth series of these concerts, ten in number, will be given in the same place.

PRIZES AWARDED BY THE FACULTY OF ARTS AND SCIENCES.

THE BOWDOIN PRIZES.

Nine prizes, from the foundation of JAMES BOWDOIN, are offered by the Faculty of Arts and Sciences to students resident at the University.

I. Two prizes (*one hundred dollars each*) for the best dissertations on any of the subjects enumerated in II., III., and IV., or for the best translation of either of the passages proposed for translation into Latin or Greek in III. (b), written by Graduates of any college who are resident at the University as students in the Graduate School, or by members of the Senior Class of 1894-95 in Harvard College.

II. Three prizes (not more than *one hundred dollars* nor less than *fifty dollars each*) for the best dissertations on any of the following subjects, written by students of more than one year's standing in any department of the University who have never received an academic degree:—

1. *The Influence of Herbert Spencer's Philosophy upon recent thought.*
2. *The value of Ethical Study in its practical relation to the conduct of Life.*
3. *Anarchism as a scientific doctrine.*
4. *The Craft Guilds of the Middle Ages.*
5. *The History and Development of the Mark theory.*
6. *A Comparison of the Estates General in France with the Parliament in England during the fourteenth century.*
7. *The fanatical element in the German Reformation.*
8. *The Grammar-School Curriculum.*
9. *A History of Tammany Hall.*

III. (a) One prize (not more than *one hundred dollars* nor less than *fifty dollars*) for the best dissertation on any of the following subjects, written by students of more than one year's standing in any department of the University who have never received an academic degree:—

1. *The belief in immortality among the Greeks of the fifth and fourth centuries B.C.*

2. *The life and works of Alcaeus.*

3. *The Constitution of Sparta.*

4. *The water supply of ancient Rome.*

5. *The accession of the Flavian dynasty.*

6. *Cicero's translations from the Greek compared with the originals.*

7. *The character and sources of Varro's conception of education.*

(b) One prize (not more than one hundred dollars nor less than fifty dollars) for the best composition in Greek or Latin, written by students of more than one year's standing in any department of the University who have never received an academic degree, as follows:—

1. *A translation into Greek from Landor's Pericles and Aspasia, Letters 162 and 163.*

2. *An original essay in Latin of from 2000 to 2500 words on any subject chosen by the competitor.*

IV. Two prizes (not more than one hundred dollars nor less than fifty dollars each) for the best dissertations on any of the following subjects, written by students of more than one year's standing in any department of the University who have never received an academic degree:—

1. *The necessity of assuming the existence of an ether.*

2. *The advance in the study of periodic currents of electricity.*

3. *The modern theories of the galvanic cell.*

4. *Chemotropic movements of plants and animals.*

5. *The relations of aquatic organisms to the purity of water supplies.*

6. *The bearing of recent investigations in the Algonkian and Cambrian formations upon the permanence of the North American continent.*

Dissertations offered by Seniors of 1894-95 must be deposited with the Dean of Harvard College on or before Commencement, 1895. All other dissertations for these prizes must be deposited with the Dean of Harvard College on or before the first day of November, 1895. On the title-page must be written an assumed name and a statement of the writer's standing,—i. e., whether he is a graduate or an undergraduate; if an undergraduate, to what class he belongs and to what department of the

University. Under cover with the dissertation must be sent a sealed letter containing the true name of the writer, and superscribed with his assumed name.

The dissertations must be written upon letter paper of good quality, of the quarto size, with a margin of not less than one inch at the top, at the bottom, and on each side, so that they may be bound up without injury to the writing. The sheets on which the dissertation is written must be securely stitched together.

The dissertations must not contain more than 10,000 words.

The authors of successful dissertations are invited to read them in public at a place and a time to be designated by the Dean.

THE DANTE PRIZE.

IN MEMORIAM CHARLES STERRETT LATHAM.

The prize offered for 1889-90 was awarded to Mr. C. S. Latham, of the Class of 1884, A.B. 1888, for a translation of the Letters of Dante with a historical and critical comment. Mr. Latham died on July 21, 1890. He did not live to learn the award of the prize.

In accordance with the desire of his mother, the prize adjudged to him of one hundred dollars is now offered again to be competed for. The competition is open not only to the students in any department of Harvard University, and to Harvard graduates of not more than three years' standing, but also to students and graduates of similar standing of any college or university in the United States.

The annual prize of *one hundred dollars* offered by a member of the Dante Society for the best essay by a student in any department of the University, or by a graduate of not more than three years' standing, on a subject drawn from the Life or Works of Dante, is withdrawn for the present, but the offer will be renewed after the award of the Latham prize.

For the year 1894-95 the subjects proposed are as follows : —

1. *Dante's influence upon Spanish literature during the 15th and 16th centuries.*
2. *A critical study of the lyrical poems attributed to Dante, but not included in the Vita Nuova and the Convito.*
3. *The influence of mediæval conceptions upon Dante's estimate of the ancient authors.*

Essays must be deposited with the Dean of Harvard College on or before the *first day of May*, 1895.

For the year 1895-96, the subjects proposed are as follows:—

1. *Recent studies of the text of Dante,—especially those of Witte, Moore, and Tauber.*

2. *The allegory of the eighth and ninth cantos of the Inferno; the City of Dis, its demons, the Furies, Magaera, the opposition to the entrance of the Poets; the heavenly messenger.*

3. *Petrarch's personal and literary attitude towards Dante.*

Essays must be deposited with the Dean of Harvard College on or before the *first day of May*, 1896.

Essayists are at liberty to write on any one of the subjects which have been proposed for the seven years during which this prize has been offered.

On the title-page must be written an assumed name and a statement of the writer's standing,—i. e., whether he is a graduate or an undergraduate; if an undergraduate, to what class he belongs and to what department of the University. Under cover with the dissertation must be sent a sealed letter containing the true name of the writer, and superscribed with his assumed name.

The dissertations must be written upon letter paper, of good quality, of the quarto size, with a margin of not less than one inch at the top, at the bottom, and on each side, so that they may be bound up without injury to the writing. The sheets on which the dissertation is written must be securely stitched together.

The judges of the essays are a committee of the Dante Society.

In case the judges decide that no essay submitted to them deserves the full prize, they are at liberty to award one or two prizes of fifty dollars, or to award no prize.

THE SARGENT PRIZE.

A prize of *one hundred dollars*, the gift of JOHN OSBORNE SARGENT, of the class of 1830, is offered—

For the best metrical version of the sixteenth Epode of Horace.

Undergraduates of Harvard College and of Radcliffe College may compete for this prize. The prize may be withheld if no competitor appears to deserve it.

The versions must be neatly and legibly written upon letter paper of good quality, of quarto size, with a margin of not less than one inch at the top, at the bottom, and on each side; and the sheets must be securely stitched together. They must be deposited in the office of the Dean of

Harvard College on or before the *first day of May*, 1895. Each version must have inscribed upon its title-page an assumed name of the writer, and must be accompanied by a sealed envelope containing the writer's real name and superscribed with the assumed name.

THE GEORGE B. SOHIER PRIZE.

Mr. WALDO HIGGINSON of the Class of 1838 has given a sum to found a Prize in memory of his brother-in-law, GEORGE B. SOHIER of the Class of 1852. This prize is known as the George B. Sohier Prize. The endowment is for "one prize of \$250 for the best thesis presented by a successful candidate for Honors in English or in Modern Literature. If no thesis is deemed worthy of a prize, no prize will be given." "The competitors may be either, (1) undergraduates in Harvard College (2) Harvard graduates who are resident at the University as students in the Graduate School, or (3) students pursuing courses of instruction in Cambridge under the direction of the Society for the Collegiate Instruction of Women."

THE PAINE PRIZES.

Two prizes, of *one hundred dollars each*, are offered by Hon. ROBERT TRENT PAINE, of the Class of 1855, "for the best essays by any students of the University on the ethical aspect of the modern social questions."

(a) One prize will be assigned for the best original investigation of some definite form of Charity-work, with practical conclusions drawn therefrom.
 (b) The other prize will be assigned for the best original investigation of some special phase of the Labor Question, with practical conclusions drawn therefrom. It is the intention of the founder to encourage first-hand research into present social conditions, and he indicates — though he does not prescribe — such subjects as the following:—

- (a) 1. *The scientific treatment of city slums.*
2. *The housing of the working-classes.*
3. *The child-problem in great cities.*
- (b) 1. *The history and prospects of labor organizations in the United States.*
2. *The history and prospects of productive coöperation in the United States.*
3. *The duty of the States to the laboring classes.*

Essays must be deposited at the Secretary's office on or before the *first day of May*, 1895; and either prize may be withheld if no competitor appears to deserve it.

THE TOPPAN PRIZE.

A prize of *one hundred and fifty dollars*, the gift of **ROBERT NOXON TOPPAN**, of the class of 1858, is offered for the best essay (of sufficient merit) on a subject in Political Science.

The prize is open for competition to all students of the Graduate School or of any of the Professional Schools, who have received an academic degree, and to all Graduates of the College of not more than three years' standing.

The subjects for the year 1894-95 are:—

1. *Local government in England in 1600.*
2. *The separation of Church and State in the United States.*
3. *How far is the extension of democracy modifying methods of direct and indirect taxation.*

Essays must be deposited at the Secretary's office on or before the *first day of May*, 1895.

The subjects for the year 1895-96 are:—

1. *Attempts of States to regulate inter-state commerce since 1865.*
2. *The effect of the referendum on popular government.*
3. *The effect of territorial expansion on the national government.*

Essays must be deposited at the Secretary's office on or before the *first day of May*, 1896.

In every case the writer must inscribe an assumed name on the title-page. A sealed letter must be sent in at the same time, under cover with the essay, containing the true name of the writer, with the date of his graduation; and this letter must be superscribed with the assumed name. Any manuscript not plainly written may be rejected. The prize will not be awarded to any essay that does not give such evidence of solid study, sound thought, and literary care, as would, in the opinion of the judges, warrant its publication. The University will not be responsible for the safe keeping of unsuccessful essays for more than three months after public notice of the award has been given.

THE SUMNER PRIZE.

An annual prize of *one hundred dollars*, the gift of CHARLES SUMNER, of the Class of 1830, is offered for the best dissertation by a student of the University in any of its departments on a subject connected with the topic of Universal Peace and the methods by which War may be permanently superseded.

The subjects for the year 1894-95 are :—

1. *Are there indications that the international Socialist and Workingmen's propaganda is counteracting the revival of the sentiment of Nationality.*
2. *A critical estimate of the value of recent legislative efforts to further the adoption of international arbitration.*

Dissertations must be deposited at the Secretary's office on or before the *first day of May*, 1895.

The subjects for the year 1895-96 are :—

1. *How may international disarmament be brought about?*
2. *The influence of Great Britain in preserving peace since 1815.*

Dissertations must be deposited at the Secretary's office on or before the *first day of May*, 1896.

The dissertations must be clearly written upon letter paper of quarto size, the sheets securely stitched together, and a sufficient margin left on all sides to enable the manuscript to be properly bound.

The title-page of a dissertation offered for the prize must be inscribed with an assumed name, and the dissertation must be accompanied by a sealed letter containing the true name and the University standing of the writer, and superscribed with his assumed name.

The prize will not be awarded to any dissertation which is not, in the judgment of the Committee, worthy of publication as a creditable contribution to the literature of the subject.

The University will not be responsible for the safe keeping of unsuccessful dissertations for more than three months after public notice of the award has been given.

THE SALES PRIZE.

A prize of *forty-five dollars* is offered, to be awarded to the "best scholar in Spanish," under the following clause from the will of FRANCIS SALES :—

"It is my will that \$1000 shall constitute a fund, the income of which shall be annually given, either in money or a gold medal of equivalent

value, to the best scholar in Spanish, who shall have commenced the study of that language at Harvard College, and whose scholarship shall be determined by his proficiency in Spanish composition: the successful candidate to be selected by the President, the Professor of the French and Spanish languages, and the Instructor of Spanish for the time being."

Notice of intention to compete for this prize must be sent to the Dean of Harvard College on or before May 1, 1895.

THE BENNETT PRIZE.

An annual prize of *forty dollars*, from a fund established by JAMES GORDON BENNETT is offered for the best essay in English prose on some subject of American governmental domestic or foreign policy of contemporaneous interest.

This prize is open only to members of the Senior Class and to Special Students in their third or fourth year who have taken courses in Political Science and English Literature.

The subjects for the year 1894-95 are:—

1. *The proper relations of the United States with Hawaii.*
2. *How should postmasters be selected?*

Essays must be deposited at the Secretary's office on or before the *first day of May*, 1895.

The subjects for the year 1895-96 are:—

1. *The advantages and dangers to the United States of a powerful navy.*
2. *The effect of executive commissions on State government.*

Essays must be deposited at the Secretary's office on or before the *first day of May*, 1896.

In every case the writer must inscribe an assumed name on the title-page. A sealed letter must be sent in at the same time, under cover with the essay, containing the true name of the writer, with the date of his graduation; and this letter must be superscribed with the assumed name. Any manuscript not plainly written may be rejected. The prize will not be awarded to any essay that does not give such evidence of solid study, sound thought, and literary care, as would, in the opinion of the judges, warrant its publication. The University will not be responsible for the safe keeping of unsuccessful essays for more than three months after public notice of the award has been given.

HARVARD COLLEGE.

ADMINISTRATIVE BOARD.

LEBARON R. BRIGGS, A.M., *Dean, and Professor of English.*
GEORGE A. BARTLETT, A.M., *Associate Professor of German.*
FRÉDÉRIC C. DE SUMICHRAST, *Assistant Professor of French.*
CHARLES R. LANMAN, PH.D., *Professor of Sanskrit.*
JOSIAH ROYCE, PH.D., *Professor of the History of Philosophy.*
PHILIPPE B. MARCOU, PH.D., *Instructor in Romance Languages.*
CHARLES GROSS, PH.D., *Assistant Professor of History.*
HUGO K. SCHILLING, PH.D., *Assistant Professor of German.*
MORRIS H. MORGAN, PH.D., *Assistant Professor of Greek and Latin.*
ALBERT A. HOWARD, PH.D., *Assistant Professor of Latin.*
EDWARD CUMMINGS, A.M., *Assistant Professor of Sociology.*
ARTHUR R. MARSH, A.B., *Assistant Professor of Comparative Literature.*
JOSEPH TORREY, JR., A.M., *Instructor in Chemistry.*
WILLIAM F. OSGOOD, PH.D., *Assistant Professor of Mathematics.*
GEORGE P. BAKER, A.B., *Instructor in English.*
CHARLES B. DAVENPORT, PH.D., *Instructor in Zoölogy.*

STUDENTS.

SENIOR CLASS.

NAME.	RESIDENCE.	ROOM.
Abbe, Truman,	Washington, D. C.	D. H. 3.
Abbott, Clark Hamilton,	Ovid, N. Y.	D. 18.
Adams, Edward Livingston, Jr.	Boston,	68 Mt. Auburn St.
Adams, Ivers Shepard,	Dorchester,	7 Linden St.
Aldrich, Morton Arnold,	Boston,	M. 60.
Allen, Henry Van Dyke,	Cambridge,	2 Phillips Pl.
Allen, Timothy Field, Jr.	New York, N. Y.	Claverly 12.
Ames, Winthrop,	No. Easton,	Read's Block 6.
Arnold, Edmund Kent,	Cambridge,	10 Frisbie Pl.

Bacon, Newton Samuel,	<i>Cambridge,</i>	80 Garfield St.
Barker, Newell Alvin,	<i>Cambridge,</i>	Newell St.
Bartlett, Frederic Huntington,	<i>Fayetteville, N. Y.</i>	W. 27.
Bartlett, George Griffiths,	<i>Philadelphia, Pa.</i>	P. 52.
Bathrick, Harry Albert,	<i>Chelsea,</i>	128 Chestnut St.,
Beard, Ithamar Mansur,	<i>Dover, N. H.</i>	P. 88. [Chelsea.
Bechhold, Marx,	<i>New York, N. Y.</i>	1172 Mass. Ave.
Benshimol, Max,	<i>Roxbury,</i>	107 Inman St.
Bent, Newell,	<i>Cambridge,</i>	52 Concord Ave.
Bigelow, Leslie Melville,	<i>Cambridge,</i>	15 Buckingham St.
Billings, Asa White Kenney,	<i>Omaha, Neb.</i>	11 Sumner St.
Bingham, Norman Williams, Jr.	<i>Somerville,</i>	M. 56.
Bowser, Charles Bertrand Burwash,	<i>Wakefield,</i>	Wakefield.
Boyd, Augustus Joseph,	<i>Beverly,</i>	M. 89.
Brewster, John Alfred,	<i>Geauga Lake, O.</i>	S. 28.
Brice, Walter Kirkpatrick,	<i>Washington, D. C.</i>	Beck 86.
Briesen, Fritz von,	<i>New York, N. Y.</i>	T. 41.
Briggs, Walter Motherwell,	<i>St. Louis, Mo.</i>	Claverly 16.
Brookings, Walter DuBois,	<i>Benton Harbor, Mich.</i>	M. 54.
Brown, Earle,	<i>Worcester,</i>	H'y 14.
Brown, Henry Tucker,	<i>W. Medford,</i>	H'ke 45.
Brown, Howard Wicks,	<i>Brookline,</i>	H. 31.
Brumbaugh, Isaac Harvey, A.B.		
(<i>Haverford Coll.</i>) 1892,	<i>Huntingdon, Pa.</i>	19 Rutland St.
Bryant, Eugene Lincoln,	<i>Hingham,</i>	H. 31.
Buchanan, Frank James,	<i>Lowell,</i>	1601 Mass. Ave.
Bull, Henry Adsit,	<i>Buffalo, N. Y.</i>	M. 21. [Boston.
Bullard, Albert William,	<i>Boston,</i>	97 Pembroke St.,
Burgess, Frederick William,	<i>Boston,</i>	C. 19.
Capen, Randall Thomas,	<i>Watertown,</i>	M. 58.
Cate, William Ervin,	<i>Wolfboro, N. H.</i>	89 Hammond.
Chamberlin, Henry Harmon, Jr.	<i>Worcester,</i>	Ware 42.
Chase, John Henry,	<i>Exeter, N. H.</i>	C. 52.
Church, Elliott Bradford,	<i>Taunton,</i>	G. 29.
Clapp, Frank Nathaniel,	<i>Framingham,</i>	T. 31.
Clapp, George Irving,	<i>Holliston,</i>	H. 15.
Coffin, Fletcher Barker,	<i>Newton,</i>	G. 42.
Colburn, Cary Richard,	<i>Secor, Ill.</i>	S. 12.
Collins, William Dennis,	<i>Melrose,</i>	C. 47.
Comfort, William Wistar, A.B.		
(<i>Haverford Coll.</i>) 1894,	<i>Germantown, Pa.</i>	W. H. 42.
Conant, Ernest Bancroft,	<i>Boston,</i>	T. 40.
Connelly, John Edward,	<i>Ashland,</i>	T. 66.

Cooke, James Wadsworth,	<i>Buffalo, N. Y.</i>	W. H. 49.
Cooley, Alford Warriner,	<i>Westchester, N. Y.</i>	60 Mt. Auburn St.
Coolidge, Julian Lowell,	<i>Boston,</i>	1727 Cambridge St.
Coonley, John Stuart,	<i>Chicago, Ill.</i>	W. H. 57.
Corbett, John,	<i>Cambridge,</i>	13 Kirkland Pl.
Cornish, Abraham Harrison,	<i>Gillette, N. J.</i>	H. 18.
Corson, Henry Carter,	<i>Haverhill,</i>	54 Kirkland St.
Coues, Robert Wheaton,	<i>Cambridge,</i>	24 Holyoke St.
Cressey, Pemberton Hale,	<i>Salem,</i>	S. 17.
Crocker, Joseph Edgar,	<i>St. Albans, Me.</i>	C. 62.
Crompton, George,	<i>Worcester,</i>	Claverly 24.
Cross, Arthur Lyons,	<i>Beachmont,</i>	W. 54.
Cummings, Francis Hathaway,	<i>Boston,</i>	T. 60.
Curtis, Philip,	<i>Boston,</i>	Claverly 8.
Daleen, Jonas Peter,	<i>Cambridge,</i>	1122 Mass. Ave.
Dargan, Pegram,	<i>Dartington, S. C.</i>	H. 24.
DeCou, John Allen, A.B. (<i>Haver-</i>		
<i>ford Coll.</i>) 1894,	<i>Philadelphia, Pa.</i>	92 Wendell St.
Dodge, Edwin Sherrill,	<i>Newburyport,</i>	W. H. 47.
Doucette, Allan Edward,		C. 24.
Dudley, Howland,	<i>Cambridge,</i>	24 Avon Hill St.
Eddy, John Whittemore,	<i>Bay City, Mich.</i>	H'y 5.
Eddy, Spencer Fayette,	<i>Chicago, Ill.</i>	Beck 86.
Edmunds, Goldmann,	<i>Wellesley Hills,</i>	M. 35.
Elliot, Frederic Sherwood,	<i>Boston,</i>	Trinity 16.
Elson, Arthur,	<i>Roxbury,</i>	W. 50.
Emerson, William,	<i>New York, N. Y.</i>	T. 34.
Emmons, Robert Wales, 2d,	<i>Boston,</i>	Claverly 26.
Emory, Percy Franklin,	<i>Syracuse, N. Y.</i>	H'ke 5.
Emott, James Tuckerman,	<i>New York, N. Y.</i>	Claverly 12.
Fairbank, Wallace,	<i>Chicago, Ill.</i>	Claverly 22.
Fairlie, John Archibald,	<i>Jacksonville, Fla.</i>	C. 35.
Fanning, Marshall Bryant, A.B.		
(<i>Otterbein Univ.</i>) 1894,	<i>N. Manchester, Ind.</i>	P. 19.
Fenollosa, Sydney Kinsman,	<i>Salem,</i>	W. 25.
Fisher, William Wright, A.B.		
(<i>Wesleyan Univ.</i>) 1894,	<i>Drawbridge, Del.</i>	28 Putnam Ave.
Fiske, Philip Sydney,	<i>Cambridge,</i>	1572 Mass. Ave.
Flandrau, Charles Macomb,	<i>St. Paul, Minn.</i>	60 Brattle St.
Floyd, Rolfe,	<i>Long Island, N. Y.</i>	28 Holyoke St.
Flynn, Edward James,	<i>Somerville,</i>	H. 8.
Forbes, Edward Waldo,	<i>Milton,</i>	T. 34. [Somerville.
Ford, Marcus Clizbe,	<i>Madison, Wis.</i>	20 Holyoke St.

Foster, Herbert Baldwin,	<i>Andover,</i>	1268 Mass. Ave.
Frazier, Herbert,	<i>So. Bethlehem, Pa.</i>	Claverly 55.
French, Charles Stratton,	<i>Boston,</i>	28 Holyoke St.
Friedman, Leo Victor,	<i>Toledo, O.</i>	T. 48.
Gardner, Roy Richardson,	<i>Watertown,</i>	T. 61.
Garst, William Augustus, A.B.		
(<i>Otterbein Univ.</i>) 1894,	<i>Westerville, O.</i>	65 Hammond St.
Geib, Frank Julius,	<i>Cleveland, O.</i>	C. 84.
Gilman, Francis Lyman,	<i>Wellesley,</i>	T. 20.
Gilman, Roger,	<i>Cambridge,</i>	32 Hawthorn St.
Gilman, William Lynch Francis,	<i>Allston,</i>	45 Saunders St., Allston.
Gilsey, Henry, Jr.	<i>New York, N. Y.</i>	Claverly 6.
Gonterman, Madison Gillham,	<i>Chicago, Ill.</i>	40 Kirkland St.
Goodwin, Elliot Hersey,	<i>Cambridge,</i>	M. 50.
Goodwin, Joseph William, Jr.	<i>Wolfboro, N. H.</i>	89 Hammond St.
Gray, Roland,	<i>Boston,</i>	Manter Block 6.
Green, Edmund Howard,	<i>Cambridge,</i>	54 Garfield St.
Greenberg, Morris Edward,	<i>Buffalo, N. Y.</i>	Felton Building 24.
Greene, Daniel Crosby, Jr.	<i>Cambridge,</i>	H'ke 9.
Grew, Randolph Clark,	<i>Boston,</i>	Beck 31.
Griffin, Charles Sumner, A.B.		
(<i>Kansas State Univ.</i>) 1894,	<i>Lawrence, Kan.</i>	17 Mellen St.
Grinnell, Frank Washburn,	<i>Roxbury,</i>	H'ke 80.
Ham, Roscoe James,	<i>Providence, R. I.</i>	F. 5.
Hamilton, George Livingstone,	<i>Roxbury,</i>	21 Wabon St.,
Hanson, James Chester,	<i>Woburn,</i>	H. 2. [Roxbury.
Harding, Edward,	<i>Philadelphia, Pa.</i>	60 Brattle St.
Harrison, Robert Waite,	<i>San Francisco, Cal.</i>	25 Holyoke St.
Hartzell, Walter Thomas,	<i>Allentown, Pa.</i>	W. H. 49.
Hayward, Nathan,	<i>Cambridge,</i>	Claverly 26.
Heizer, Forest Alexander, A.B.		
(<i>Parsons Coll., Ia.</i>) 1893,	<i>Mediapolis, Ia.</i>	Wayland.
Heydrick, Benjamin Alexander,		
A.B. (<i>Allegheny Coll.</i>) 1893,	<i>Meadville, Pa.</i>	32 Putnam Ave.
Highlands, Andrew Albert,	<i>Fall River,</i>	1256 Mass. Ave.
Hill, Frederick Brackett,	<i>Cambridge,</i>	366 Harvard St.
Hisa, Michitaro,	<i>Iwaki, Japan,</i>	9 Story St.
Hitch, Joseph Clement Delano,	<i>So. Orange, N. J.</i>	M. 43.
Hodge, Frederick Richard,	<i>Antwerp, N. Y.</i>	C. 38.
Hodge, William F,	<i>Antwerp, N. Y.</i>	C. 38.
Hogg, George,	<i>Worcester,</i>	M. 36.
Holbrook, Bradbury,	<i>Danversport,</i>	T. 23.

Holmes, Edward Jackson,	<i>Boston,</i>	Claverly 17.
Hooper, Sumner Ricker,	<i>Springvale, Me.</i>	H. 15.
How, Louis,	<i>St. Louis, Mo.</i>	W. 40.
Howard, Charles Tilden,	<i>Hingham,</i>	C. 18.
Hughes, Thomas Bernard,	<i>Brighton,</i>	1 Parkman St., Brighton.
Huntington, Edward Vermilye,	<i>Flushing, N. Y.</i>	1688 Cambridge St.
Hutchins, Alexander,	<i>Brooklyn, N. Y.</i>	W. H. 46.
Hutchinson, Eberly,	<i>Columbus, O.</i>	C't 26.
Hutton, William Edward,	<i>Denver, Col.</i>	S. 16.
Ikeda, Seihim,	<i>Yamagata-Ken, Japan,</i>	52 Oxford St.
Irving, Alexander Duer, Jr.	<i>Staten Island, N. Y.</i>	Claverly 13.
Jackson, Arthur Loring,	<i>Cambridge,</i>	27 Holyoke St.
James, Ellerton,	<i>Nahant,</i>	Beck 23.
Jameson, Herbert Wendell,	<i>Jamaica Plain,</i>	G. 41.
Johnson, Arthur Charles,	<i>Salem,</i>	S. 17.
Johnson, Reginald Hathaway,	<i>Braintree,</i>	M. 43.
Johnson, Ralph Miller,	<i>Boston,</i>	60 Mt. Auburn St.
Johnson, Shirley Everton, A.B. (<i>Louisville, Ky., High School</i>)		
1890,	<i>Louisville, Ky.</i>	G. 26.
Johnston, Henry, A.B. (<i>Univ. of New Brunswick</i>) 1892,		35 Inman St.
Jones, Frederick Charles,	<i>Boston,</i>	T. 10.
Kaufman, John Glass,	<i>Kutztown, Pa.</i>	M. 30.
Kaven, Gustavus Adolphus,	<i>Unionville, Mich.</i>	36 Bowdoin St.
Kimball, Thatcher Raymond,	<i>Jamaica Plain,</i>	7 Linden St.
King, Delcevere,	<i>Quincy,</i>	W. H. 21.
Klein, Edward,	<i>Deerfield,</i>	46 Mt. Auburn St.
Knapp, Eugene Richter, Jr.	<i>Brookline,</i>	W. 4.
Krehbiel, Daniel Remigius,	<i>Halstead, Kans.</i>	17 Mellen St.
Lackey, William Andrew,	<i>Somerville,</i>	31 Irving St., W. Somerville.
Lambert, Edward Bartlet,	<i>Cambridge,</i>	H'ke 26.
Lane, Lucius Page, s.B. (<i>Mass. Inst. Tech.</i>) 1894,	<i>Boston,</i>	[Boston. 623 Tremont St.,
Laughton, Norris Hastings,	<i>So. Boston,</i>	T. 68.
Lawton, Sydney Allen,	<i>Lancaster,</i>	1208 Mass. Ave.
Learoyd, Arthur Sowdon,	<i>Taunton,</i>	G. 33.
Le Clear, Gifford,	<i>New York, N. Y.</i>	G. 45.
Lewis, John Hart,	<i>St. Albans, Vt.</i>	Winthrop 16.
Lincoln, Alexander,	<i>Brookline,</i>	Ware 53.
Lindsey, Ernest,	<i>Marblehead,</i>	W. 52.

Line, Arthur Maxwell,	<i>Marion, Ind.</i>	M. 52.
Livingood, Edwin Stanton,	<i>Reading, Pa.</i>	1256 Mass. Ave.
Lodge, George Cabot,	<i>Nahant,</i>	Quincy 10.
Loker, Harold Wesley,	<i>Natick,</i>	T. 28.
Lombard, Percival Hall,	<i>Boston,</i>	Beck 81.
Longfellow, Arthur Henry,	<i>Boston,</i>	29 Claremont Pk.,
Loring, Frederic Reeves, s.B.		[Boston.
(<i>Mass. Inst. Tech.</i>) 1879,	<i>Boston,</i>	W. H. 60.
Lothrop, Thornton Kirkland, Jr.	<i>Boston,</i>	52 Brattle St.
Lowell, Frederick Eldridge,	<i>Boston,</i>	1727 Cambridge St.
McCarthy, Jere Joseph,	<i>Chelsea,</i>	61 Marlboro' St.,
		Chelsea.
McDonald, William Joseph,	<i>Charlestown,</i>	116 Main St.,
		Charlestown.
McGirr, Felix Francis,	<i>Cambridge,</i>	1522 Cambridge St.
McGrath, John Francis,	<i>Fitchburg,</i>	H. 4.
Mach, Edmund von,	<i>Gaffert, Germany,</i>	18 Bowdoin St.
McNear, Seward Bailey,	<i>Oakland, Cal.</i>	Claverly 24.
MacVeagh, Eames,	<i>Chicago, Ill.</i>	9 Linden St.
Maloon, Winthrop Loughton,	<i>Beverly,</i>	Shepherd Block 7.
Mann, Albert,	<i>Two Rivers, Wis.</i>	T. 5.
Manning, Robert Livermore,	<i>Manchester, N. H.</i>	H'y 7.
Marshall, William Audley, s.sc.		
(<i>Alabama Polytech. Inst.</i>) 1891,		
M.E. (<i>Ibid.</i>) 1892,	<i>Rome, Ga.</i>	67 Oxford St.
Martin, George Adams,	<i>San Francisco, Cal.</i>	Little's Block 8.
Mason, Daniel Gregory,	<i>Boston,</i>	M. 14.
May, Valentine Horton,	<i>Roxbury,</i>	G. 9.
Meador, John Hanson,	<i>Roxbury,</i>	T. 52.
Merrill, Edwin Godfrey,	<i>Bangor, Me.</i>	W. H. 40.
Merriman, Frank White,	<i>Boston,</i>	Felton Building 2.
Miller, Dwight Dana,	<i>New York, N. Y.</i>	65 Mt. Auburn St.
Mills, Charles Henry,	<i>Brookline,</i>	78 Mt. Auburn St.
Mott-Smith, Ernest Augustus,	<i>Boston,</i>	S. 32.
Moulton, William Brooks,	<i>New Whatcom, Wash.</i>	47 Wallace St.
Mullins, Thomas Patrick,	<i>Cambridge,</i>	37 Third St., E.
		Cambridge.
Murchie, Guy Grimmer,	<i>Calais, Me.</i>	Claverly 16.
Nash, Frederick Hapgood,	<i>Acton,</i>	H'ke 42.
Nelson, Henry Philip,	<i>Nashville, Tenn.</i>	18 Plympton St.
Newman, Albert Harding,	<i>Boston,</i>	H'y 10.
Newsom, Sidney Carleton, s.B.		
(<i>Northern Ind. Normal Sch.</i>)		
1888,	<i>St. Louis, Mo.</i>	24 Leonard Ave.

Nichols, Philip,	Boston,	Shepherd Block 3.
Noon, Philo Gates,	Roslindale,	C. 16.
Norton, Lewis J., <i>P.H.B. (Wesleyan Univ.) 1898,</i>	Lexington,	94 Wendell St.
Norton, Matthew George, Jr.	Winona, Minn.	W. H. 9.
Noyes, Carleton Eldredge,	Cambridge,	7 Ware St.
Noyes, William Bicknell,	Cambridge,	322 Harvard St.
Odiorne, Walter Burlingame,	Cambridge,	Hilton Block 37.
Officer, Harvey, Jr.	St. Paul, Minn.	17 Trowbridge Pl.
O'Leary, Raphael Dorman, <i>A.B.</i>		
(<i>Univ. of Kansas</i>) 1893,	Burlington, Kas.	14 Shepard St.
Parker, Chauncey David,	Boston,	Hilton Block 9.
Patten, William Samuel,	Wellesley,	17 Story St.
Patterson, Albert Mansfield, Jr.	Washington, D. C.	H'ke 22.
Peabody, William Rodman,	Cambridge,	H'ke 26.
Perry, Edward Luther,	Dorchester,	C. 19.
Peters, Andrew James, Jr.	Jamaica Plain,	9 Linden St.
Pettus, Morrison,	St. Louis, Mo.	W. H. 33.
Phelan, James Peter,	Lynn,	H'ke 14.
Phillips, Stephen Willard,	Salem,	W. 26.
Pier, Arthur Stanwood,	Pittsburg, Pa.	H'y 24.
Pierce, Charles Sumner,	Milton,	7 Linden St.
Pillsbury, Horace Davis,	San Francisco, Cal.	Hilton Block 25.
Pitta, Ralph Shaw,	Quincy,	C. 18.
Pool, Eugene Hillhouse,	Harrison, N. Y.	H'y 24.
Poole, Franklin Osborne,	Somerville,	Felton Building 2.
Porter, James Foster,	Chicago, Ill.	12 Kirkland Pl.
Poth, Charles Anthony,	Pittsburg, Pa.	T. 5.
Potter, Austin,	New York, N. Y.	Read's Block 6.
Potter, Alexander Carleton,	Boston,	T. 30.
Prescott, Henry Washington,	Boston,	C. 52.
Proctor, Thomas Emerson, Jr.	Boston,	Manter Block 8.
Purdon, James,	Boston,	H'ke 30.
Quick, Oscar,	Omaha, Neb.	C. 30.
Raymond, Robert Lovejoy,	Cambridge,	Hilton Block 38.
Read, John Bertram,	Cambridge,	H'ke 15.
Reed, Brooks,	Maynard,	G. 30.
Reed, William Hale,	Taunton,	T. 10.
Renfro, Louis Clark,	Sutter City, Cal.	W. 53.
Riddle, William Halderman, <i>A.B.</i>		
(<i>Kansas Univ.</i>) 1893,	Lawrence, Kans.	P. 57.
Ringwalt, Ralph Curtis,	Mt. Vernon, O.	1168 Mass. Ave.
Robbins, Joseph,	Boston,	M. 60.

Robinson, George Washington,	<i>Meredith, N. H.</i>	438 Broadway.
Robinson, John George, A.B. (<i>Hobart Coll.</i>) 1891, D.B. (<i>Epis. Theol. Sch.</i>) 1894,	<i>Alexandria, Minn.</i>	Winthrop 6.
Rockwell, William Walker,	<i>Pittsfield,</i>	S. 27.
Roess, Louis Jacob,	<i>So. Oil City, Pa.</i>	S. 1. [Roxbury.
Rogers, William Chandler,	<i>Roxbury,</i>	21 Linwood St.,
Rose, Pierre la,	<i>Albany, N. Y.</i>	M. 14.
Rowe, John C,	<i>So. Bethlehem, N. Y.</i>	G. 80.
Russell, Arthur Joseph,	<i>Weston,</i>	D. 26.
Sand, Henry Augustus Low,	<i>Brooklyn, N. Y.</i>	W. 37.
Sargent, Joseph, Jr.	<i>Boston,</i>	H'y 18.
Sawtell, James Herbert, A.B.		
(<i>Univ. of Kansas</i>) 1892,	<i>Gypsum City, Kans.</i>	14 Shepard St.
Schaffner, Arthur Becker,	<i>Chicago, Ill.</i>	42 Kirkland St.
Schereschewsky, Joseph Williams,	<i>Malden,</i>	C. 68.
Scully, Max Leopold,	<i>Boston,</i>	Hilton Block 3.
Seaman, Charles Edward, A.B.		
(<i>Acadia Coll.</i>) 1892,	<i>Wolfville, N. S.</i>	1586 Cambridge St.
Sears, Frederic Edmund,	<i>Somerville,</i>	G. 52.
Severance, Walter Edwin,	<i>Lynn,</i>	Brewer's Block 8.
Shackford, Moses Austin Cartland,	<i>Dover, N. H.</i>	8 Appian Way.
Sharples, Philip Price,	<i>Cambridge,</i>	22 Concord Ave
Shaw, Carleton Anderson,	<i>Lexington,</i>	T. 51.
Sheldon, Wilmon Henry,	<i>Boston,</i>	W. 39.
Simpson, Francis Stuart, A.B.		
(<i>Dalhousie Coll.</i>) 1894,	<i>Halifax, N. S.</i>	1699 Cambridge St.
Smith, Charles Edward,	<i>Fall River,</i>	T. 58.
Smith, George Lawrence,	<i>Cambridge,</i>	M. 50.
Smith, Harrison Willard,	<i>Dorchester,</i>	G. 27.
Smith, William Austin,	<i>St. Paul, Minn.</i>	18 Trowbridge Pl.
Smith, William Hemans,	<i>Collamer, N. Y.</i>	19 Greenough Ave.
Snell, Herbert Laird Wingate,	<i>Brookline,</i>	T. 19.
Snow, Frederick Stedman,	<i>Jamaica Plain,</i>	W. 20.
Spalding, Thorndike,	<i>Cambridge,</i>	T. 45.
Spencer, Henry Benning,	<i>New York, N. Y.</i>	25 Holyoke St.
Staab, Julius, A.B. (<i>Swarthmore Coll.</i>) 1893,	<i>Santa Fé, N. Mexico,</i>	1124 Mass. Ave.
Stackpole, Joseph Lewis, Jr.	<i>Boston,</i>	Manter Block 6.
Stark, William Everett,	<i>Cambridge,</i>	38 Linnaean St.
Stevens, Waldo Warland,	<i>Groton,</i>	C. 26.
Stevenson, Alexander Francis, Jr.	<i>Chicago, Ill.</i>	T. 21.
Stickney, Joseph Trumbull,	<i>New York, N. Y.</i>	Winthrop 18.

Stiger, Edwin Tenney,	<i>Omaha, Neb.</i>	G. 8.
Stimson, Rufus Whittaker,	<i>Palmer,</i>	Felton Building 8.
Stoll, Elener Edgar, A.B. (<i>Wooster Univ.</i>) 1898,	<i>Wooster, O.</i>	22 Plympton St.
Sylvester, John Percival,	<i>Somerville,</i>	M. 56.
Symmes, William Whitman,	<i>San Francisco, Cal.</i>	W. H. 16.
Talbot, Henry Russell,	<i>Boston,</i>	17 Story St.
Teele, Arthur Page,	<i>Boston,</i>	H'ke 36.
Thomas, Victor Sumner,	<i>Wilmington, Del.</i>	H'y 15.
Thompson, Jay Linton,	<i>New York, N. Y.</i>	H'y 1.
Tileston, Wilder,	<i>Milton,</i>	G. 4.
Trotter, James Russell, A.B. (<i>West Virginia Univ.</i>) 1891,	<i>Buckhannon, W. Va.</i>	14 Mellen St.
Trotter, William Monroe,	<i>Dorchester,</i>	C. 57.
Tudor, Henry D,	<i>Boston,</i>	60 Mt. Auburn St.
Upham, Alfred Elwyn,	<i>Rutland,</i>	S. 16.
VanKleeck, Walter Lindsay,	<i>Millis,</i>	Little's Block 7.
Walcott, Robert,	<i>Cambridge,</i>	11 Waterhouse St.
Walker, Brooks,	<i>Cambridge,</i>	Hilton Block 38.
Walsh, Townsend,	<i>Albany, N. Y.</i>	10 Oxford St.
Warren, Edward Henry,	<i>Worcester,</i>	M. 19.
Washburn, James Murray,	<i>Kansas City, Mo.</i>	H'y 21.
Washburn, Paul,	<i>Boston,</i>	W. 4.
Waterman, George Arthur,	<i>Malden,</i>	M. 41.
Weill, Alfred Sigismund,	<i>Buffalo, N. Y.</i>	M. 17.
Wertheimer, Alvin,	<i>New York, N. Y.</i>	Little's Block 17.
Weston, Thomas, Jr.	<i>Newton,</i>	M. 35.
Wheatland, Richard,	<i>Salem,</i>	Claverly 17.
Whicher, John Thomas,	<i>Quincy,</i>	H'y 1.
White, Norman Hill,	<i>Cambridge,</i>	M. 38.
White, Samuel Peregrine,	<i>Wakefield,</i>	T. 20.
Whiteside, Alexander, Jr.	<i>Champlain, N. Y.</i>	Claverly 55.
Whitmore, Holmes,	<i>Cambridge,</i>	H. 12.
Whitmore, Howard,	<i>Cambridge,</i>	H. 12.
Whitney, Myron William, Jr.	<i>Watertown,</i>	S. 32.
Whittemore, James Kelsey,	<i>Boston,</i>	27 Holyoke St.
Whittemore, Parker Williams,	<i>Roslindale,</i>	T. 49.
Wilder, David Parsons,	<i>Medway,</i>	W. 28.
Williams, Alfred Samuel,	<i>Brookline,</i>	H'ke 27.
Williams, Earnest Porte,	<i>Bellefontaine, O.</i>	5 Felton St.
Winthrop, Robert Mason,	<i>Boston,</i>	9 Bow St.
Wolfe, William Burns,	<i>Cambridge,</i>	24 Follen St.
Wollaeger, Gustav, Jr.	<i>Milwaukee, Wis.</i>	H'ke 24.

Woodman, Willis Patten,	<i>Jamaica Plain,</i>	378 Harvard St.
Woods, Herbert Richardson,	<i>Boston,</i>	W. 20.
Woodward, Ralph Frank,	<i>Platteville, Wis.</i>	H'ke 34.
Worthington, John Winthrop,	<i>Dedham,</i>	T. 45.
Wrenn, Robert Duffield,	<i>Highland Pk., Ill.</i>	H'y 3.
Yeames, Herbert Hilarion,	<i>Jamaica Plain,</i>	T. 24.
Youngman, William Sterling,	<i>Williamsport, Pa.</i>	W. H. 61.
Yorston, Frederic, B.A. (<i>Dalhousie</i>		[Boston.
<i>Coll.]) 1894,</i>	<i>Pictou, N. S.</i>	36 So. Russell St.,

JUNIOR CLASS.

Abbott, Theodore Jacob,	<i>Brooklyn, N. Y.</i>	P. 77.
Adams, Edward Francis,	<i>Derry, N. H.</i>	C. 29.
Adams, Edward Max,	<i>Buffalo, N. Y.</i>	24 Mt. Auburn St.
Addison, Harold Ethelbert,	<i>Chicago, Ill.</i>	P. 7.
Ames, Edward Winslow,	<i>Chelsea,</i>	161 Shawmut St.,
Ames, Leroy Allston,	<i>Spencer,</i>	M. 22. [Chelsea.
Amory, George Gardner,	<i>Boston,</i>	Claverly 47.
Andrew, John Charles States,	<i>Boston,</i>	17 Sacramento St.
Andrews, Thomas Wood,	<i>Philadelphia, Pa.</i>	T. 15.
Appleton, William Sumner, Jr.	<i>Boston,</i>	H'ke 16.
Armstrong, Edward Dow,	<i>Lewiston, Me.</i>	P. 3.
Aspinwall, William Billings,	<i>Loudonville, N. Y.</i>	H. 30.
Atwood, Charles Fenner,	<i>Manton, R. I.</i>	36 Mt. Auburn St.
Austin, James Augustus,	<i>Cambridge,</i>	61 Spring St., E.
Austin, Richard,	<i>Jamaica Plain,</i>	H'y 4. [Cambridge.
Bacon, Carl Edward,	<i>Medford,</i>	W. 23.
Badger, Samuel Eveleth,	<i>Hyde Park,</i>	Hyde Park.
Balch, Francis Noyes,	<i>Jamaica Plain,</i>	Hilton Block 18.
Barnes, Lynn Moore,	<i>Decatur, Ill.</i>	M. 5.
Barret, Cecil,	<i>Newport, R. I.</i>	Claverly 53.
Bass, Robert Perkins,	<i>Boston,</i>	Hilton Block A.
Baxter, Gregory Paul,	<i>Somerville,</i>	H. 14.
Belisle, Hector Louis,	<i>Worcester,</i>	Brewer's Block 3.
Belmore, Bruce Weatherby,	<i>Princeton, Me.</i>	W. 51.
Benedict, Elliot Stuart,	<i>New York, N. Y.</i>	Beck 45.
Bigelow, Harry Augustus,	<i>Norwood,</i>	C. 8.
Blagden, Linzee,	<i>New York, N. Y.</i>	Claverly 21.

Blanchard, Henry Lawton,	<i>Avon,</i>	T. 67.
Blodgett, William Ernest,	<i>Newton,</i>	W. H. 19.
Boardman, Samuel Ward, Jr.,		
A. B. (<i>Maryville Coll.</i>) 1894,	<i>Maryville, Tenn.</i>	6 Story St.
Booth, Charles Dunbar,	<i>Ashtabula, O.</i>	W. 51.
Booth, Percy Newhall,	<i>Louisville, Ky.</i>	W. 37.
Borden, Alfred,	<i>Fall River,</i>	8 Holyoke St.
Bosworth, George Lewis,	<i>Philadelphia, Pa.</i>	1689 Cambridge St.
Boucher, Charles,	<i>New York, N. Y.</i>	Hilton Block 28.
Bowser, Eden Kirk,	<i>Wakefield,</i>	Wakefield.
Brayton, Israel,	<i>Fall River,</i>	T. 56.
Brayton, William Lawton Slade,	<i>Fall River,</i>	T. 56.
Bremer, Clifton Long,	<i>Milton,</i>	Shepherd Block 10.
Bremer, John Lewis, Jr.	<i>Boston,</i>	Claverly 43.
Brewer, Arthur Harris,	<i>Jamaica Plain,</i>	Read's Block 26.
Brewer, Charles,	<i>Jamaica Plain,</i>	Claverly 29.
Brooks, Reginald,	<i>New York, N. Y.</i>	Beck 21.
Brown, Charles Ammi, Jr.	<i>Portland, Me.</i>	W. 11.
Brown, Charles Hastings,	<i>Beverly,</i>	P. 48.
Brown, Edwin Hacker,	<i>Worcester,</i>	H'y 14.
Brown, Howard Dudley,	<i>W. Medford,</i>	H'ke 45.
Brown, Harry Lamprey,	<i>Lynn,</i>	W. H. 46.
Bryan, Charles Egbert,	<i>Washington, D. C.</i>	Wadsworth 18.
Bryant, Charles Sawyer,	<i>Newton,</i>	67 Oxford St.
Bullock, Alexander Hamilton,	<i>Worcester,</i>	W. 44.
Burdett, Alfred Joslyn,	<i>Leominster,</i>	C't 10.
Cameron, Winfield Henry,	<i>Jamestown, N. Y.</i>	M. 54.
Cannon, Walter Bradford,	<i>St. Paul, Minn.</i>	C. 32.
Capron, Paul,	<i>Lexington,</i>	F. 5.
Carney, Michael Francis,	<i>Roxbury,</i>	19 Circuit St., Roxbury.
Carter, Chauncey Giles,	<i>Newton,</i>	44 Brattle St.
Cassebeer, Henry Arthur,	<i>New York, N. Y.</i>	Trinity 15.
Caswell, William Watson,	<i>New York, N. Y.</i>	Claverly 6.
Champney, Edouard Frère,	<i>New York, N. Y.</i>	H'ke 17.
Chase, Arthur Minturn,	<i>Yonkers, N. Y.</i>	H. 25.
Chase, Edward Nichols,	<i>Portland, Me.</i>	T. 38.
Chase, George Henry,	<i>Lynn,</i>	H. 30.
Clapp, Albion Billings,	<i>Wellesley Hills,</i>	T. 8.
Clark, Elton,	<i>Milton,</i>	9 Linden St.
Clark, Ellery Harding,	<i>Boston,</i>	Claverly 50.
Clark, Percy Hamilton,	<i>Germantown, Pa.</i>	Claverly 42.
Cleveland, Treadwell, Jr.	<i>W. Orange, N. J.</i>	12 Oxford St.

Codman, Alfred,	<i>Roxbury,</i>	Read's Block 82.
Collins, George Leman,	<i>Dorchester,</i>	T. 65.
Corbin, Austin, Jr.	<i>New York, N. Y.</i>	Beck 2.
Cotton, Joseph Potter, Jr.	<i>Newport, R. I.</i>	T. 63.
Cox, Archibald,	<i>Plainfield, N. J.</i>	Claverly 89.
Cram, Ernest Roby,	<i>Cambridge,</i>	16 Pleasant Pl.
Crane, Edwin Rogers,	<i>Newton,</i>	W. 2.
Creelman, George Willis,	<i>Cambridge,</i>	H. 22.
Creesy, Everett Larcom,	<i>Beverly,</i>	G. 44.
Crowley, James Wallace, Jr., A.B.		
(<i>Kansas Wesleyan Coll.</i>) 1894,	<i>Salina, Kan.</i>	19 Irving St.
Curtis, Harry Appleton,	<i>Boston,</i>	Shepherd Block 17.
Davis, Charles Henry,	<i>Somerville,</i>	S. 9.
Day, Edward Bliss,	<i>Hopedale,</i>	P. 16.
Dean, Philip Redfield,	<i>Medford,</i>	H. 22.
Delany, Selden Peabody,	<i>Fond du Lac, Wis.</i>	P. 7.
Denison, Winfred Thaxter,	<i>Portland, Me.</i>	M. 5.
Derby, George Strong,	<i>Boston,</i>	Little's Block 2.
Dibblee, Harrison,	<i>Ross Station, Cal.</i>	W. 22.
Dickinson, Charles,	<i>Brookline,</i>	M. 48.
Donaldson, Frederick August,	<i>Cleveland, O.</i>	9 Story St.
Dorman, Harry Gaylord,	<i>Upper Montclair, N. J.</i>	W. H. 9.
Dorsey, Clarence Wilbur, LIT.B.		
(<i>Denison Univ.</i>) 1894,	<i>Granville, O.</i>	22 Leonard Ave.
Dow, Rogers,	<i>Revere,</i>	Beach St., Revere.
Draper, William Hill,	<i>Somerville,</i>	19 Harvard St.,
Dudley, Frederic Cole,	<i>Portland, Me.</i>	H'y 19. [Somerville.
Duff, Robertson,	<i>New Bedford,</i>	26 Holyoke St.
Duffield, Francis,	<i>Detroit, Mich.</i>	1168 Mass. Ave.
Dunn, Charles Hunter,	<i>Newport, R. I.</i>	W. 45.
Dutch, Herbert Wilbur,	<i>Winchester,</i>	D. H. 2.
Dutton, William Paine,	<i>Sycamore, Ill.</i>	40 Kirkland St.
Dwinell, Elbert Hammett,	<i>Montpelier, Vt.</i>	H. 25.
Dyer, Lyman Tiffany,	<i>New York, N. Y.</i>	Claverly 25.
Dyrenforth, Arthur,	<i>Chicago, Ill.</i>	C't 24.
Edwards, Harold,	<i>Boston,</i>	108 Mt. Vernou St.,
Ely, Moses,	<i>Newburgh, N. Y.</i>	W. H. 35. [Boston.
Emerson, Haven,	<i>New York, N. Y.</i>	T. 63.
Eustis, Edward Lyman,	<i>Cambridge,</i>	1734 Cambridge St.
Fairchild, John Cummings,	<i>Boston,</i>	Claverly 51.
Farrar, Clarence B,	<i>Cartaraugus, N. Y.</i>	438 Broadway.
Farrar, Waldo,	<i>Dorchester,</i>	24 Elm St.,
		Dorchester.

Faxon, Brooks,	<i>Boston,</i>	539 Mass. Ave.,
Fay, Edward Pickering,	<i>Springfield,</i>	H. 19. [Boston.
Fay, Sidney Bradshaw,	<i>Kendall Green, D. C. H.</i>	5.
Fennessy, Edward Henry,	<i>Boston,</i>	Claverly 39.
Fenton, David Wakeman,	<i>Buffalo, N. Y.</i>	M. 34.
Forbes, Francis Murray,	<i>Paris, France,</i>	30 Holyoke St.
Forman, George Alfred,	<i>Buffalo, N. Y.</i>	Ware 4.
Forsyth, Alexander,	<i>Cambridge,</i>	21 Putnam Ave.
Fox, Francis Bird,	<i>Taunton,</i>	T. 67.
Fox, Rector Kerr,	<i>Paris, Ky.</i>	M. 9.
Frank, Robert Tilden,	<i>New York, N. Y.</i>	H'ke 6.
Freedman, Louis Alexander,	<i>Boston,</i>	1727 Cambridge St.
Freeling, Seargeant Prentiss, s.s.		
<i>(South-western Baptist Univ.)</i>		
1894,	<i>Jackson, Tenn.</i>	38 Winthrop St.
Frothingham, Edgar Vieter,	<i>Brooklyn, N. Y.</i>	M. 19.
Fuller, Charles Sumner,	<i>Cambridge,</i>	125 Prospect St.
Fuller, Henry Holton,	<i>Lancaster,</i>	Little's Block 21.
Furman, Stuart Sydney,	<i>New York, N. Y.</i>	1208 Mass. Ave.
Gallagher, Oscar Charles,	<i>Easthampton,</i>	S. 13.
Gilkey, Frank Sawyer,	<i>Watertown,</i>	9 Irving St., Watertown.
Goddard, Charles Frederick,	<i>Worcester,</i>	Hilton Block 26.
Gould, Alfred Henry,	<i>Medfield,</i>	W. 28.
Graham, Alford Martin,	<i>Somerville,</i>	2 Mason Ave., W. Somerville.
Gray, William Cook,	<i>Fall River,</i>	C. 6.
Green, Melvin,	<i>Boston,</i>	W. 45.
Greene, Jerome Davis,	<i>Cambridge,</i>	H. 18.
Greene, Russell Thomas,	<i>Cambridge,</i>	20 Lee St.
Greene, Samuel Earle,	<i>Boston,</i>	D. H. 2.
Greenough, William, Jr.	<i>New York, N. Y.</i>	Read's Block 2.
Gregg, Clifford Fyffe,	<i>Chattanooga, Tenn.</i>	18 Mellen St.
Grew, Henry Sturgis, 2d,	<i>Boston,</i>	Claverly 52.
Grossman, Emanuel Monie,	<i>Cleveland, O.</i>	M. 27.
Hager, Lee,	<i>St. Paul, Minn.</i>	28 Holyoke St.
Hagerman, Lee Walker,	<i>St. Louis, Mo.</i>	Shepherd Block 11.
Hale, Frederick,	<i>Ellsworth, Me.</i>	1208 Mass. Ave.
Hall, Arthur Williams,	<i>Quincy,</i>	Felton Building 13.
Hallowell, Robert Haydock,	<i>Medford,</i>	Claverly 29.
Hamilton, George Henry, s.s.		
<i>(Olivet Coll.) 1894,</i>		
Hamlen, Paul Mascarene,	<i>Watseka, Ill.</i>	1750 Cambridge St.
	<i>Boston,</i>	Claverly 45.

Hann, Alexander Robertson, A.B.

(<i>Centre Coll.</i>) 1890,	<i>Denton, Tex.</i>	54 Hammond St.
Harding, Heman Andrew,	<i>Chatham,</i>	C't 13.
Hart, John Thomas,	<i>Cambridge,</i>	415 Broadway.
Hazard, Peyton Randolph,	<i>Jamestown, R. I.</i>	G. 7.
Heckscher, Stevens,	<i>Philadelphia, Pa.</i>	Claverly 42.
Herschel, Winslow Hobart,	<i>Glen Ridge, N. J.</i>	T. 9.
Hewins, James, Jr.	<i>Medfield,</i>	T. 14.
Hildreth, Alfred Hitchcock,	<i>Cambridge,</i>	14 Garden St.
Hildreth, Loring Thayer,	<i>Salem,</i>	M. 37.
Hitchcock, Frank Lauren,	<i>Andover,</i>	9 Story St.
Hobson, Arthur Lambert,	<i>Haverhill,</i>	W. H. 50.
Hoffman, John Ellis,	<i>New York, N. Y.</i>	5 Linden St.
Holbrook, John Swift,	<i>New York, N. Y.</i>	Beck 24.
Holmes, Charles Nevers,	<i>Cambridge,</i>	891 Mass. Ave.
Holmes, Willis Boit,	<i>Cambridge,</i>	39 William St.
Holt, Edwin Bissell,	<i>Winchester,</i>	Ware 11.
Hoppin, Frederick Street, Jr.	<i>Providence, R. I.</i>	W. 5.
Howard, Bion Bradbury,	<i>Millbury,</i>	H'y 8.
Howe, George Alonzo,	<i>Danvers,</i>	H'y 19.
Howell, William Wescott,	<i>Jamaica Plain,</i>	4 Cedar Ave., Jamaica Plain.
Howland, Abram Harbach,	<i>Cambridge,</i>	10 Channing Pl.
Huidekoper, Frederic Louis,	<i>Washington, D. C.</i>	Shepherd Block 18.
Hunt, John Cummings,	<i>Boston,</i>	M. 9.
Hyde, Arthur Sewall,	<i>Bath, Me.</i>	44 Brattle St.
Ingalls, Albert Stimson,	<i>Cincinnati, O.</i>	Beck 42.
Ingraham, Arthur,	<i>New Bedford,</i>	T. 17.
Iselin, John Henry, Jr.	<i>Garrison's, N. Y.</i>	Beck 6.
Jackson, Marion McHenry,	<i>Atlanta, Ga.</i>	Ware 36.
James, Edward Holton,	<i>Concord,</i>	H'y 21.
Jewell, Ernest Clarence,	<i>Lawrence,</i>	60 Wendell St.
Johnson, Henry Sparks,	<i>Cambridge,</i>	86 Russell St.
Jones, Eliot Norris,	<i>Boston,</i>	M. 53.
Jones, Frederic Marshall,	<i>Somerville,</i>	27 Porter St.,
Jones, John Hall,	<i>Cambridge,</i>	C. 21. [Somerville.
Jouett, Fred Robert,	<i>Somerville,</i>	S. 9.
Katzmann, Frederic Gunn,	<i>Hyde Park,</i>	10 Concord Ave.
Kauffman, Calvin Henry,	<i>Lebanon, Pa.</i>	60 Wendell St.
Kerkhoff, William Moss,	<i>Chicago, Ill.</i>	176 Prospect St.
Ketcham, John Lewis, Jr.	<i>Indianapolis, Ind.</i>	40 Kirkland St.
Kimball, Elliot Chamberlain,	<i>Dubuque, Ia.</i>	10 Oxford St.
Kingsbury, Isaac William,	<i>Chestnut Hill,</i>	W. H. 6.

Knight, Henry Francis,	<i>Dorchester,</i>	T. 14.
Knoblauch, Edward Gustavus,	<i>New York, N. Y.</i>	H'ke 18.
Knowlton, George William, Jr.	<i>Upton,</i>	Read's Block 18.
Knudsen, Arthur Sinclair,	<i>Kauai, H. I.</i>	H'y 13.
Lathrop, Charles Newton,	<i>Oakland, Cal.</i>	S. 15.
Le Bosquet, John Edwards,	<i>Somerville,</i>	H. 14.
Leiter, Milton Myron,	<i>Syracuse, N. Y.</i>	96 Prescott St.
Leonard, Jonathan,	<i>Sandwich,</i>	H. 11.
Lewis, Arthur Gardner,	<i>Chicago, Ill.</i>	1256 Mass. Ave.
Lewis, Fred Rinaldo,	<i>Lynn,</i>	D. 34.
Lewis, Gilbert Newton,	<i>Newton,</i>	14 Oxford St.
Lewis, Harold,	<i>Worcester,</i>	S. 11. [Somerville.
Lewis, Herschel Wilder,	<i>Somerville,</i>	16 Prescott St.,
Lincoln, Merrick,	<i>Worcester,</i>	Read's Block 18.
Longley, John Artemas,	<i>Mountain View, Cal.</i>	C. 45.
Lord, Walter Russell,	<i>Buffalo, N. Y.</i>	T. 32.
Lyman, Willis,	<i>E. Orange, N. J.</i>	20 Ware St.
McAdams, Peter Stephens,	<i>Somerville,</i>	100 Jenny Lind Ave., Somerville.
McKittrick, Walter,	<i>St. Louis, Mo.</i>	Claverly 20.
McMann, William Henry,	<i>Roxbury,</i>	5 Linwood Sq., Rox- bury.
McRoberts, George A., B.S. (<i>Centre Coll.</i>) 1890,	<i>Danville, Ky.</i>	54 Hammond St.
Mann, Samuel Vernon, Jr.	<i>Flushing, L. I., N. Y.</i>	Read's Block 36.
Marlow, Ernest Wilmer,	<i>Washington, D. C.</i>	P. 66.
Marsh, Charles Reuben,	<i>Boston,</i>	Quincy 4.
Marsh, Elias Joseph, Jr.	<i>Paterson, N. J.</i>	M. 16.
Martin, Joseph Hillyer Thayer, Jr.	<i>Woodbridge, N. J.</i>	M. 20.
Mason, Francis,	<i>Brooklyn, N. Y.</i>	T. 55.
Mathews, George Williams,	<i>Worcester,</i>	W. 18.
May, Samuel,	<i>Jamaica Plain,</i>	W. 50.
Mead, Benjamin Charles,	<i>Auburn, N. Y.</i>	G. 50.
Mead, Louis Guy,	<i>Acton,</i>	H'ke 42.
Merigold, Benjamin Shores,	<i>Taunton,</i>	G. 25.
Merrill, Evan Walter Dunster,	<i>Boston,</i>	18 Sacramento Pl.
Merriman, Roger Bigelow,	<i>Worcester,</i>	W. 42.
Metcalf, Nelson Case,	<i>Cambridge,</i>	22 Linnaean St.
Milliken, Joseph Knowles,	<i>New Bedford,</i>	T. 17.
Millikin, Lewis Campbell,	<i>Hamilton, O.</i>	Trinity 5.
Mix, Harry Collier,	<i>Chicago, Ill.</i>	C. 60.
Montague, William Pepperrell, Jr.	<i>Washington, D. C.</i>	H'ke 34.
Morrill, Joseph,	<i>Roxbury,</i>	T. 15.
Morris, Dave Hennen,	<i>Westchester, N. Y.</i>	60 Brattle St.

Morse, James Herbert, Jr.	<i>New York, N. Y.</i>	H'y 6.
Morse, Robert Gorham,	<i>Jamaica Plain,</i>	26 Holyoke St.
Morse, Robert Henry,	<i>Roslindale,</i>	Roslindale.
Motley, Thomas, 3d,	<i>Boston,</i>	Claverly 46.
Mott, Luther Wright,	<i>Orwego, N. Y.</i>	Hilton Block 22.
Mott, William Kendrick,	<i>Belleville, N. Y.</i>	G. 50.
Moulton, Leonard Bowdoin,	<i>Bucksport, Me.</i>	C. 62.
Moyer, Aaron Joseph, Jr.	<i>Springfield, O.</i>	125 Mt. Auburn St.
Munro, Willis,	<i>Buffalo, N. Y.</i>	G. 28.
Munroe, Vernon,	<i>Englewood, N. J.</i>	H'y 6.
Murdock, Lester Bigelow,	<i>Leicester,</i>	H'y 8.
Neal, Frank Getchell,	<i>Boston,</i>	S. 20.
Ninde, Levi James,	<i>Fort Wayne, Ind.</i>	H'y 15.
Norton, Chauncey Williams,	<i>Boston,</i>	Claverly 52.
O'Brian, John Lord,	<i>Buffalo, N. Y.</i>	G. 38.
O'Malley, Walter John, Jr.	<i>Roxbury,</i>	9 Fremont Ave.,
Orr, William Walker,	<i>Worcester,</i>	W. 18. [Roxbury.
Osborn, John Frederic,	<i>Cambridge,</i>	W. 49.
Page, Frank Russell,	<i>Bradford,</i>	C. 40.
Paine, George Lyman,	<i>Boston,</i>	Little's Block 24.
Palfrey, John Gorham,	<i>Belmont,</i>	G. 39.
Parker, Frank Edward,	<i>Brookline,</i>	Osborne Road,
		Brookline.
Parker, James Phillips,	<i>Brookline,</i>	Ware 54.
Parker, William Ainsworth,	<i>Cambridge,</i>	1 Mercer Circle.
Peck, John Weld,	<i>Cincinnati, O.</i>	H. 3.
Phelps, James Wesson,	<i>Wilbraham,</i>	C. 16.
Pollak, Francis Déak,	<i>Summit, N. J.</i>	C. 64.
Porter, Henry Whitcomb,	<i>Quincy,</i>	W. 43.
Powell, Wilson Marcy, Jr.	<i>New York, N. Y.</i>	Claverly 25.
Prado, Plinio da Silva,	<i>São Paulo, Brazil,</i>	H'ke 49.
Pratt, Frederick Haven,	<i>Worcester,</i>	T. 2.
Preston, William Arthur, Jr.	<i>New Ipswich, N. H.</i>	1734 Cambridge St.
Priest, Benjamin Sydney,	<i>Watertown,</i>	S. 32.
Putnam, William Edward, Jr.	<i>Brookline,</i>	W. H. 59.
Rathbun, Frank Hallock,	<i>Mt. Vernon, N. Y.</i>	W. 46.
Reese, Ward Winters,	<i>Lancaster, Pa.</i>	1124 Mass. Ave.
Reeve, William Porteous,	<i>Toronto, Can.</i>	58 Wendell St.
Rich, Herbert Thomas,	<i>Hyde Park,</i>	C. 41.
Richardson, Charles Francis		
Phelps,	<i>Washington, D. C.</i>	102 Mt. Auburn St.
Richardson, Francis Allen,	<i>Cambridge,</i>	17 Ware St.
Richardson, Henry Hyslop,	<i>Brookline,</i>	78 Mt. Auburn St.

Richardson, Philip,	<i>Brookline,</i>	Shepherd Block.
Riker, John Lawrence, 2d,	<i>New York, N. Y.</i>	H'ke 21.
Robinson, Archer Tyler,	<i>Pomfret, Conn.</i>	12 Kirkland Pl.
Robinson, Harry Ezra,	<i>Boston,</i>	M. 48.
Rogers, Dudley Pickman,	<i>Salem,</i>	Ware 6.
Rogers, William Bowditch,	<i>Boston,</i>	Claverly 46.
Ross, Carl Abraham,	<i>Lower Waterford, Vt.</i>	C. 6.
Ross, Herbert Austin,	<i>Florence,</i>	H'ke 46.
Russell, Thomas Hastings, 2d,	<i>Boston,</i>	3 St. James Ave., Boston.
Russell, William Augustus, Jr.	<i>Boston,</i>	Ware 6.
Salmon, Harvey Woodson, Jr.	<i>Clinton, Mo.</i>	T. 6.
Sanford, Henry Lindsay,	<i>Bridgewater,</i>	52 Mt. Auburn St.
Satterlee, Henry Suydam,	<i>New York, N. Y.</i>	Beck 6.
Scott, George Cranch,	<i>Burlington, Ia.</i>	12 Mt. Auburn St.
Sears, Stephen Faunce,	<i>Brookline,</i>	P. 32.
Seelig, Major Gabriel,	<i>Helena, Ark.</i>	W. 6.
Shedd, William Holmes,	<i>Malden,</i>	P. 70.
Shepard, Luther Dimmick, Jr.	<i>Boston,</i>	H'y 12.
Sheriff, Andrew Rothwell,	<i>Washington, D. C.</i>	G. 40.
Simonds, Herbert Roland,	<i>Dayton, O.</i>	M. 42.
Skinner, Prescott Orde,	<i>Boston,</i>	12 Mt. Auburn St.
Small, Albert Ernest,	<i>Melrose,</i>	C. 47.
Smith, Conrad,	<i>Boston,</i>	H'y 12.
Smith, Fitz-Henry, Jr.	<i>Boston,</i>	W. H. 1.
Smith, George Edward,	<i>Providence, R. I.</i>	32 Mellen St.
Smith, George Milton,	<i>Plantville, Conn.</i>	21 Putnam Ave.
Smith, Louis de Forest,	<i>Hartford, Conn.</i>	M. 20.
Soule, Walter Sylvester,	<i>Newton,</i>	W. H. 6.
Spalding, George Homer,	<i>Lowell,</i>	H'ke 18.
Staab, Edward A, A.B. (<i>Swarth-</i> <i>more Coll.</i>) 1894,	<i>Santa Fé, N. Mexico,</i>	1124 Mass. Ave.
Starr, Reginald Henry Ellis,	<i>Dedham,</i>	W. H. 35.
Steedman, Edwin Harrison,	<i>St. Louis, Mo.</i>	Beck 46.
Stevenson, Thomas Greely,	<i>Boston,</i>	Read's Block 26.
Steward, Charles,	<i>Fort Missoula, Mon.</i>	C. 50.
Steward, Frank Rudolph,	<i>Fort Missoula, Mon.</i>	C. 50.
Stillman, James Alexander,	<i>New York, N. Y.</i>	Beck 22.
Stillwagen, Frederic Hainse,	<i>Allentown, Pa.</i>	Felton Building 13.
Stockton, Philip,	<i>Boston,</i>	Little's Block 2.
Stone, Joshua Winthrop,	<i>Mt. Auburn,</i>	129 Grove St., Mt.
Storrs, Henry Randolph,	<i>Brookline,</i>	W. 22. [Auburn.
Swanton, John Reed,	<i>Gardiner, Me.</i>	P. 63.

Swieczey, Alva,	<i>Olivet, Kan.</i>	17 Mellen St.
Tapper, William Richard, A.B. (<i>Lombard Univ.</i>) 1894,	<i>Chicago, Ill.</i>	42 Kirkland St.
Tatlock, John Strong Perry,	<i>Stamford, Conn.</i>	G. 13.
Thayer, Henry Holmes,	<i>Worcester,</i>	W. 44.
Thomas, John Willard,	<i>New Orleans, La.</i>	2 Butler Pl.
Thomas, Raphael Clarke,	<i>Newton,</i>	W. H. 19.
Tower, Frederick Bates,	<i>Cohasset,</i>	G. 23.
Townsend, David,	<i>Natick,</i>	T. 35.
Townsend, Ralph Milbourne,	<i>Boston,</i>	Claverly 54.
Train, Arthur Cheney,	<i>Boston,</i>	T. 3.
Trybom, John Herman,	<i>Boston,</i>	147 Warren Ave.,
Ullman, Albert Eckhardt,	<i>New York, N. Y.</i>	P. 55. [Boston.
Valentine, Robert Grosvenor,	<i>Boston,</i>	M. 53.
Viles, Jonas,	<i>Waltham,</i>	P. 66.
Wadsworth, Clarence Seymour,	<i>Middletown, Conn.</i>	Beck 1.
Wadsworth, Richard Goodwin,	<i>Boston,</i>	Claverly 51.
Ward, John Chamberlain,	<i>Belmont, N. Y.</i>	19 Irving St.
Warren, John,	<i>Boston,</i>	Claverly 43.
Warren, Joseph Parker,	<i>Boston,</i>	1460 Washington St., Boston.
Warren, Prescott,	<i>Cambridge,</i>	Trinity 5.
Wendell, Arthur Rindge,	<i>Boston,</i>	H. 16.
West, Louis Jerauld,	<i>Provincetown,</i>	M. 22.
Wheeler, Clarence Newell,	<i>Buffalo, N. Y.</i>	T. 32.
Wheeler, John Hersey,	<i>Leominster,</i>	C't 10.
Wheelock, Harvey Lincoln,	<i>Worcester,</i>	58 Mt. Auburn St.
White, Clifford Allen,	<i>Taunton,</i>	C. 70.
White, Charles Browning,	<i>Middleburg, N. Y.</i>	51 Wendell St.
White, John Arlington,	<i>Arlington Heights,</i>	S. 26.
Whiting, Grafton,	<i>Boston,</i>	24 Holyoke St.
Whitman, Raymond Lee,	<i>Cambridge,</i>	H'y 18.
Whittemore, Frank Bruce,	<i>Cambridge,</i>	17 Bigelow St.
Wilbour, William French,	<i>Little Compton, R. I.</i>	W. H. 5.
Williams, Ralph Blake,	<i>Boston,</i>	Claverly 50.
Williams, Thomas Stotesbury,	<i>Philadelphia, Pa.</i>	7 Linden St.
Wilson, Clarence Rich,	<i>Washington, D. C.</i>	Felton Building 15.
Wonson, Waverley Tillinghast,	<i>Boston,</i>	W. H. 59.
Wrenn, George Lawson, Jr.	<i>Chicago, Ill.</i>	H'y 3.
Wyer, Harry Gage,	<i>Woburn,</i>	T. 19.

SOPHOMORE CLASS.

Abbott, Allan,	<i>Watertown,</i>	D. 31.
Abbott, Gideon Beck,	<i>Dorchester,</i>	P. 68.
Abele, George Washington,	<i>Boston,</i>	759 Shawmut Ave.,
Adams, Walter Davenport,	<i>Roxbury,</i>	W. 12. [Boston.
Adler, Hermann Moritz,	<i>New York, N. Y.</i>	P. 29.
Alden, Eliot,	<i>Washington, D. C.</i>	P. 45.
Allen, Samuel Parker, Jr.	<i>Brookline,</i>	High St., Brookline.
Angier, Roswell Parker,	<i>Boston,</i>	P. 72.
Archer, Charles Augustus,	<i>Salem,</i>	C. 3.
Arnold, Henry Newton,	<i>New York, N. Y.</i>	Ware 19.
Auten, Benjamin Cutter,	<i>Princeville, Ill.</i>	C. 46.
Babson, Francis Morrill,	<i>Newburyport,</i>	W. 12.
Bailey, Frank Marcellus,	<i>Washington, D. C.</i>	Ware 45.
Bailey, Harold Colburn,	<i>Somerville,</i>	81 Central St., Somerville.
Baker, Benjamin Standish,	<i>Cambridge,</i>	Hilton Block B.
Barber, Melvin Spaulding,	<i>Winchester,</i>	26 Mellen St.
Barnard, Charles Lester,	<i>Topsfield,</i>	
Barnes, Hector Galloway,	<i>Minneapolis, Minn.</i>	W. H. 15.
Barrett, Michael Frank,	<i>Hingham,</i>	Auburndale.
Barry, Frederick Eugene,	<i>Lynn,</i>	W. 1.
Bartol, Edward Francis Washburn,	<i>Lancaster,</i>	1208 Mass. Ave.
Bassett, Burnell Finley,	<i>Barre,</i>	9 DeWolfe St.
Batchelder, Charles Hull,	<i>Portsmouth, N. H.</i>	36 Mt. Auburn St.
Beal, Henry Williamson,	<i>Danvers,</i>	C. 27.
Beale, Arthur Messinger,	<i>Dorchester,</i>	P. 68.
Beebe, Theodore Chapin, Jr.	<i>Springfield,</i>	M. 84.
Beggs, William Earle,	<i>Woburn,</i>	P. 36.
Begien, Ralph Norman,	<i>Medford,</i>	T. 53.
Bell, William Warren,	<i>Roxbury,</i>	T. 64.
Bettmann, Milton,	<i>Cincinnati, O.</i>	W. 1.
Binney, Horace,	<i>Middletown, Conn.</i>	44 Brattle St.
Black, Newton Henry,	<i>Foxboro',</i>	C. 39.
Bliss, Cornelius Newton, Jr.	<i>New York, N. Y.</i>	Claverly 5.
Blood, Charles Rowell,	<i>Chelmsford,</i>	Brewer's Block 2.
Bolster, Stanley Marshall,	<i>Roxbury,</i>	T. 64.
Bonney, Frederick Perez,	<i>Cambridge,</i>	32 Arlington St.
Borden, Sydney Howard,	<i>Fall River,</i>	18 Trowbridge St.
Bosler, De Witt Clinton,	<i>Carlisle, Pa.</i>	Quincy 5.
Bouvé, Thomas Tracy, Jr.	<i>Roxbury,</i>	H. 28.

Bowditch, Ingersoll,	<i>Jamaica Plain,</i>	Little's Block 12.
Bowles, Henry Irving,	<i>Cherryfield, Me.</i>	C. 31.
Bradley, Daniel Henry,	<i>Somerville,</i>	19 Concord Ave.,
Brown, Charles Ernest,	<i>Shortsville, N. Y.</i>	C. 39. [Somerville.
Brown, Frederic Willis,	<i>Concord,</i>	W. H. 26.
Brown, Harold Haskell,	<i>Boston,</i>	C't 15.
Brown, Harold Winthrop,	<i>Dover, N. H.</i>	F. 7.
Bryant, Arthur Alexis,	<i>Cambridge,</i>	94 Richdale Ave.
Buell, Henry Douglas,	<i>Rochester, N. Y.</i>	1270 Mass. Ave.
Bullard, John Richards, Jr.	<i>Dedham,</i>	1256 Mass. Ave.
Bumpus, Everett Chauncey,	<i>Quincy,</i>	H'ke 31.
Burden, Isaiah Townsend, Jr.	<i>New York, N. Y.</i>	Beck 25.
Burley, Benjamin Thomas,	<i>N. Epping, N. H.</i>	Felton Building 12.
Burlingame, Frederic Anson,	<i>New York, N. Y.</i>	H'y 16.
Burnett, Joseph,	<i>Cambridge,</i>	78 Mt. Auburn St.
Butler, Henry Audubon,	<i>Youngstown, O.</i>	F. 4.
Byrd, William,	<i>New York, N. Y.</i>	H'y 22.
Byrnes, Wilfred,	<i>Roxbury,</i>	T. 8.
Calkins, Grosvenor,	<i>Newton,</i>	S. 5.
Canfield, Horace,	<i>Boston,</i>	20 Ware St.
Capen, Edward William,	<i>Watertown,</i>	M. 58.
Carpenter, Hubbard Foster,	<i>Chicago, Ill.</i>	M. 12.
Carpenter, John Alden,	<i>Chicago, Ill.</i>	M. 12.
Carret, James Weld,	<i>Cambridge,</i>	6 Appian Way.
Carter, Arthur Thomas,	<i>Omaha, Neb.</i>	Quincy 8.
Castle, Timothy Parker,	<i>Quincy, Ill.</i>	28 Holyoke St.
Chace, Fenner Albert,	<i>Fall River,</i>	18 Trowbridge St.
Chatman, John Edwin,	<i>Boston,</i>	M. 32.
Cheever, David,	<i>Boston,</i>	Little's Block 13.
Childs, Alfred Henry,	<i>Deerfield,</i>	C. 66.
Chittenden, Albert Percival,	<i>Dorchester,</i>	C. 37.
Chittenden, Roger Clapp,	<i>Dorchester,</i>	C. 23.
Choate, Joseph Hodges, Jr.	<i>New York, N. Y.</i>	25 Holyoke St.
Clark, Edmund Foster,	<i>E. Somerville,</i>	25 Arlington St., E. Somerville.
Clark, John Calvin Lawrence,	<i>Lancaster,</i>	48 Wendell St.
Clark, John Taylor,	<i>Jamaica Plain,</i>	Read's Block 28.
Clement, Robert,	<i>Brookline,</i>	43 Lancaster Ter., Brookline.
Cleveland, Henry Davenport,	<i>New York, N. Y.</i>	12 Oxford St.
Cloesson, Leon Monroe,	<i>Lawrence,</i>	T. 57.
Coffin, Sturgis, 2d,	<i>Chestnut Hill,</i>	P. 32.
Cogswell, Edward Russell, Jr.	<i>Cambridge,</i>	61 Kirkland St.

Collins, William Edward,	<i>Dorchester,</i>	14 Mellen St.
Colton, Henry Seymour, Jr.	<i>Calumet, Mich.</i>	P. 81.
Cooley, Fred Boyden,	<i>So. Deerfield,</i>	C. 66.
Cornwell, Herbert Cerdá de Villarrestau,	<i>New York, N. Y.</i>	11 Mellen St.
Cotton, William Dudley, Jr.	<i>Roxbury,</i>	W. H. 44.
Coveney, John Archibald,	<i>Somerville,</i>	73 Marshall St.,
Cram, William Harward,	<i>New York, N. Y.</i>	P. 56. [Somerville.
Cronin, John Francis,	<i>Boston,</i>	Hyde Park Ave.
Cunningham, Atkins Bule,	<i>Baltimore, Md.</i>	P. 26.
Cutting, Robert Bayard,	<i>New York, N. Y.</i>	Claverly 48.
Dana, Charles Clayton,	<i>Chicago, Ill.</i>	C't 24.
Darling, Elmer Hervey,	<i>Troy, N. Y.</i>	W. H. 41.
Davenport, Howard Hittinger,	<i>Cambridge,</i>	1680 Cambridge St.
Davidson, Irville Fay,	<i>Wollaston,</i>	C. 59.
Davis, Robert Charles,	<i>Fall River,</i>	Ware 20.
Dean, James,	<i>Brookline,</i>	Hilton Block 39.
Dexter, William Endicott,	<i>Brookline,</i>	Little's Block 20.
Dixon, Roland Burrage,	<i>Boston,</i>	W. H. 58.
Dorr, Goldthwaite Maynard Higginson,	<i>Orange, N. J.</i>	54 Mt. Auburn St.
Dow, John Winthrop,	<i>Claremont, N. H.</i>	22 Mt. Auburn St.
Dowty, William Edmund, Jr.	<i>Fall River,</i>	15 Remington St.
Drew, Charles Davis,	<i>Newton,</i>	W. 46.
Drury, George Peters,	<i>Waltham,</i>	W. 34.
Duffield, Morse Stewart,	<i>Detroit, Mich.</i>	1168 Mass. Ave.
Dunlop, John William,	<i>Cambridge,</i>	1270 Mass. Ave.
Du Pont, Eugene, Jr.	<i>Wilmington, Del.</i>	H'ke 19.
Dutton, Frank Bird,	<i>Auburndale,</i>	M. 57.
Eaton, Amasa Mason, Jr.	<i>Providence, R. I.</i>	11 Appian Way.
Elder, Edward Randall,	<i>Boston,</i>	W. 3.
Endicott, Henry, Jr.	<i>Boston,</i>	Little's Block 13.
Fales, David, Jr.	<i>Lake Forest, Ill.</i>	P. 30.
Fenno, Edward Nicoll, Jr.	<i>Boston,</i>	Little's Block 10.
Fenollosa, Manuel Emilio,	<i>Salem,</i>	W. 25.
Field, Tylor,	<i>Cincinnati, O.</i>	Claverly 49.
Field, William Evarts,	<i>Newton,</i>	W. H. 54.
Fish, Milton Ernest,	<i>Somerville,</i>	14 Chapel St., W. Somerville.
Fisher, Elmer Metcalf,	<i>Franklin,</i>	T. 46.
Fisher, Willis Richardson,	<i>Boston,</i>	T. 9.
Fisk, Irving Lester,	<i>Hoosick Falls, N. Y.</i>	40 Kirkland St.
Fitzgerald, Thomas Francis,	<i>Troy, N. Y.</i>	Felton Building 36.

Fleischmann, Carl Louis,	<i>New York, N. Y.</i>	W. H. 2.
Fletcher, William Baldwin, Jr.	<i>Indianapolis, Ind.</i>	55 Hammond St.
Foote, Henry Wilder,	<i>Boston,</i>	W. H. 18.
Forbes, Allan,	<i>Boston,</i>	Claverly 41.
Fosbroke, Hughell Edgar Woodall,	<i>Sunrise, Minn.</i>	P. 86.
Francis, Joseph Sidney,	<i>Lowell,</i>	H'ke 13.
French, Charles Frederick,	<i>Roxbury,</i>	T. 11.
Friedman, Herbert Jacob,	<i>Chicago, Ill.</i>	42 Kirkland St.
Frothingham, Brooks,	<i>Boston,</i>	Hilton Block 11.
Fulton, Albert Montgomery, Jr.	<i>Monticello, N. Y.</i>	436 Broadway.
Fyffe, Joseph, Jr.	<i>Newton,</i>	W. Newton.
Gannett, Thomas Brattle, Jr.	<i>Cambridge,</i>	Little's Block 9.
Gardner, Bertram,	<i>New York, N. Y.</i>	25 Holyoke St.
Garrison, William Lloyd, Jr.	<i>Brookline,</i>	25 Holyoke St.
Gavin, George Barker,	<i>Quincy,</i>	H'ke 37.
Gay, Ernest Lewis,	<i>Boston,</i>	Shepherd Block 6.
Gay, Frederick Parker,	<i>Boston,</i>	W. H. 20.
Gilpin, Oliver William,	<i>Kittanning, Penn.</i>	P. 25.
Ginn, Maurice Edwin,	<i>Cambridge,</i>	M. 26.
Gleason, George,	<i>Haverhill,</i>	S. 25.
Godfrey, Henry Fletcher,	<i>New York, N. Y.</i>	Beck 5.
Goodridge, Frederic Grosvenor,	<i>New York, N. Y.</i>	18 Appian Way.
Grant, Walter Monroe,	<i>Arlington Heights,</i>	Appleton St., Arlington H'ts.
Gratwick, Frederic Coleman,	<i>Buffalo, N. Y.</i>	Beck 4.
Gray, Clifton Daggett,	<i>Somerville,</i>	27 Winter St., Somerville.
Gray, Henry Gunther,	<i>New York, N. Y.</i>	W. H. 29.
Gray, John Clinton, Jr.	<i>New York, N. Y.</i>	W. H. 29.
Greany, Denis Francis,	<i>Quincy,</i>	Quincy.
Greene, Edward Martin,	<i>Nashua, N. H.</i>	G. 21.
Gregg, James Edgar,	<i>Colo. Springs, Colo.</i>	M. 25.
Gregory, Eugene Monroe,	<i>Cambridge,</i>	S. 10.
Griffin, Frank Wood,	<i>Oakland, Cal.</i>	25 Holyoke St.
Griffin, Walter Alden,	<i>Haverhill,</i>	S. 25.
Gulick, Pierre Johnson,	<i>Springfield,</i>	D. 8.
Hackett, Henry Seavey,	<i>New York, N. Y.</i>	1132 Mass. Ave.
Hagerman, George Franklin,	<i>Chelmsford,</i>	Brewer's Block 2.
Hahlo, Arthur Harold,	<i>New York, N. Y.</i>	W. H. 2.
Halle, Eugene Samuel,	<i>Cleveland, O.</i>	1750 Cambridge St.
Hallowell, Norwood Penrose,	<i>Medford,</i>	25 Holyoke St.
Hapgood, Lyman Sawin,	<i>Gloucester,</i>	T. 11.
Harriman, Charles Conant,	<i>Framingham,</i>	D. 38.

Harrington, Arthur,	<i>Charlestown,</i>	37 Monument Ave., Charlestown.
Harris, Arthur Thomas,	<i>Brookline,</i>	Little's Block 31.
Hart, Richard Huson,	<i>Denver, Colo.</i>	F. 3.
Hastings, George Bulkley,	<i>Boston,</i>	Brookline Ave., Boston.
Hathaway, George Adelbert,	<i>Berkeley,</i>	H'ke 32.
Hayden, John Putnam,	<i>New York, N. Y.</i>	22 Prescott St.
Hayes, John Joseph, Jr.	<i>Jamaica Plain,</i>	H'y 2.
Hayter, Samuel Richard,	<i>New York, N. Y.</i>	G. 51.
Hayward, Jonathan Balcom,	<i>Neponset,</i>	P. 72.
Healy, John Robert,	<i>Roxbury,</i>	7 Woodville Park,
Heilig, Frederick,	<i>Reading, Pa.</i>	M. 55. [Roxbury.
Herrick, Lester Elliott,	<i>Boston,</i>	Hotel Westland,
Hervey, Allen Moore,	<i>Boston,</i>	Ware 44. [Boston.
Hess, Alfred Fabian,	<i>New York, N. Y.</i>	W. H. 38.
Hicks, Ralph Burnell Calhoun,	<i>Cambridge,</i>	65 Hammond St.
Hill, Harry Howard,	<i>Worcester,</i>	M. 25.
Hills, George Ernest,	<i>Boston,</i>	Beck 48.
Hillyer, Virgil Mores,	<i>Washington, D. C.</i>	P. 87.
Hinckley, Frank Caspar,	<i>Bangor, Me.</i>	C't 26.
Hobart, Walter Scott,	<i>San Francisco, Cal.</i>	68 Mt. Auburn St.
Hobbs, Charles Wesley,	<i>Hamilton,</i>	C. 3.
Hoitt, Alfred Woodman,	<i>Arlington,</i>	Arlington.
Hollister, Evan,	<i>Buffalo, N. Y.</i>	Little's Block 22.
Hollister, Robert Russell,	<i>Fair Haven, Vt.</i>	C. 42.
Hollister, Stanley,	<i>Santa Barbara, Cal.</i>	Little's Block 8.
Holmes, Arthur Brewster,	<i>Kingston,</i>	H'y 4.
Hovey, Charles Henry,	<i>Boston,</i>	Trinity 6.
Howard, Albert Straw,	<i>Lowell,</i>	P. 20.
Howe, Henry Wainwright,	<i>Longwood,</i>	Hilton Block 40.
Howell, James Albert,	<i>Ogden, Utah,</i>	C. 49.
Hubbard, Henry Vincent,	<i>Taunton,</i>	H'ke 32.
Hunt, David, Jr.	<i>Boston,</i>	Trinity 9.
Hunt, Graham Putnam,	<i>Cincinnati, O.</i>	Shepherd Block 8.
Hunt, Richard Harold,	<i>Newton,</i>	P. 41.
Huntington, Henry Barrett,	<i>Hanover, N. H.</i>	7 Waterhouse St.
Huntsman, Owen Benjamin, B.E.		
(State Normal School, West Chester, Pa.) 1892,	<i>Stroudsburg, Pa.</i>	H. 32.
Hyde, Frederick Erastus, Jr.	<i>New York, N. Y.</i>	1750 Cambridge St.
Jackson, Howard Bigelow,	<i>Concord,</i>	C't 1.
Jacob, Bartholomew,	<i>Glen Cove, L. I., N. Y.</i>	1208 Mass. Ave.

Jenkins, Lawrence Waters,	<i>Boston,</i>	Little's Block 21.
Jenkins, Thornton,	<i>Barnstable,</i>	29 Myrtle St., Mel-
Jenks, Robert Darrah,	<i>Ashbourne, Pa.</i>	H'ke 20. [rose.
Jenney, Charles,	<i>Brookline,</i>	H. 9.
Jennings, Rutherford Wayland,	<i>Elizabeth, N. J.</i>	H'ke 20.
Johnson, Thomas Joseph,	<i>Dorchester,</i>	Hilton Block 10.
Johnston, Frederic William,	<i>Minneapolis, Minn.</i>	Felton Building 28.
Johnston, William Bernard,	<i>Washington, D. C.</i>	28 Holyoke St.
Jones, Arthur Morse,	<i>Cambridge,</i>	Hilton Block 37.
Joseph, Eli,	<i>Cincinnati, O.</i>	1691 Cambridge St.
Julbe, Julio Juan,	<i>Habana, Cuba,</i>	9 Buckingham St.
Kales, Albert Martin,	<i>Chicago, Ill.</i>	1256 Mass. Ave.
Kennard, William Wentworth,	<i>Somerville,</i>	14 Arlington St., Somerville.
Kennedy, Sinclair,	<i>Readville,</i>	W. H. 58.
Kernan, Francis Kernan,	<i>Brooklyn, N. Y.</i>	Hilton Block 17.
King, Albert Edward,	<i>Roxbury,</i>	H. 28.
Kinnicutt, Francis Harrison,	<i>New York, N. Y.</i>	H'y 16.
Kittredge, Bernard Stallo,	<i>Cincinnati, O.</i>	W. 9.
Knoblauch, George Washington,	<i>New York, N. Y.</i>	W. H. 11.
Ladd, Alexander Haven,	<i>Milton,</i>	28 Holyoke St.
Lamson, Frank Fitts,	<i>Lowell,</i>	H'ke 35.
Lancaster, William Woart,	<i>Augusta, Me.</i>	Brewer's Block 16.
Langdon, Samuel Walter Ross, Jr.	<i>Stockton, Cal.</i>	901 Mass. Ave.
Lawrence, Amos Amory,	<i>Boston,</i>	9 Bow St.
Laws, Frederick Adams,	<i>Bedford,</i>	Bedford.
Leekley, Harlow Audley,	<i>Chicago, Ill.</i>	P. 41.
Lewis, Frederic Thomas,	<i>Cambridge,</i>	86 Highland Ave.
Lincoln, John Willard,	<i>New York, N. Y.</i>	W. H. 22.
Little, James Lovell, Jr.	<i>Brookline,</i>	26 Holyoke St.
Little, John Mason, Jr.	<i>Swampscott,</i>	Hilton Block 2.
Logan, Robert,	<i>Philadelphia, Pa.</i>	126 Mt. Auburn St.
Lord, Frederick Taylor,	<i>Lexington,</i>	T. 51.
Lovering, Arthur,	<i>Cambridge,</i>	228 Brattle St.
Lower, Henry Eastman,	<i>Cleveland, O.</i>	M. 45.
Luedke, Walter John,	<i>Milwaukee, Wis.</i>	H'ke 24.
Lydenberg, Harry Miller,	<i>Dayton, O.</i>	125 Mt. Auburn St.
Lyman, Theodore, Jr.	<i>Brookline,</i>	Hilton Block 21.
Lynch, James Francis,	<i>Albany, N. Y.</i>	Felton Building 36.
McCormick, Thomas Joseph		
Henry,	<i>Roxbury,</i>	G. 35.
McDonald, Samuel James,	<i>Boston,</i>	16 Allen St., Boston.
McGrew, Clarence Alan,	<i>Cambridge,</i>	71 Wallace St.

MacKaye , Percy Wallace,	<i>Shirley,</i>	D. 85.
McKibben , William Watson,	<i>Van Buren, Ark.</i>	M. 55.
Mackintosh , Herbert Butler,	<i>Needham,</i>	86 Mt. Auburn St.
McWhinnie , James Emery,	<i>Cambridge,</i>	29 Williams St.
Mahoney , Flourence Joseph,	<i>Hopkinton,</i>	20 Ware St.
Mansfield , Walter Ralph,	<i>Boston,</i>	S. 28.
Mansur , Frederick Whiting,	<i>Groton,</i>	Felton Building 12.
Marcy , Robert,	<i>Belmont,</i>	Little's Block 1.
Marks , Arthur Moss,	<i>Meridian, Miss.</i>	Ware 28.
Marks , Isaac Edward,	<i>Meridian, Miss.</i>	Ware 28.
Marsh , Hiram Stanley,	<i>Winchester,</i>	26 Mellen St.
Marshall , Napoleon Bonaparte,	<i>Washington, D. C.</i>	C 44.
Mason , Philip Dana,	<i>Boston,</i>	511 Beacon St., Boston.
Mathews , Edward Roscoe,	<i>Valley Forge, Pa.</i>	Manter Block 5.
Matthews , Newman,	<i>Toronto, Ont.</i>	C. 67.
Meade , Alfred Penrhyn, 2d,	<i>Croton Falls, N. Y.</i>	Read's Block 10.
Meserve , John May,	<i>Allston,</i>	87 Linden St., Allston.
Middleton , Lamar,	<i>Chicago, Ill.</i>	95 Irving St.
Miller , Frederick Pray,	<i>Boston,</i>	282 Columbus Ave.,
Miller , Henry Wise,	<i>New York, N. Y.</i>	9 Bow St. [Boston.
Mitchell , David Eaton,	<i>Bradford, Penn.</i>	16 Oxford St.
Moe , Alfred Keane,	<i>Jersey City, N. J.</i>	H. 21.
Molloy , James Edward,	<i>Randolph,</i>	Randolph.
Morrill , Frank Nash,	<i>Hiawatha, Kans.</i>	M. 44.
Morrill , Samuel,	<i>Boston,</i>	H'ke 9.
Moss , Robert Thomas Woodward,	<i>New York, N. Y.</i>	Claverly 2.
Mulford , Ernest Denman,	<i>Minneapolis, Minn.</i>	Quincy 8.
Nash , William Gibbs,	<i>Somerville,</i>	232 Elm St., W. Somerville.
Neal , John Frederick,	<i>Malden,</i>	1689 Cambridge St.
Newgass , George Washington,	<i>New York, N. Y.</i>	W. H. 88.
Nichols , Humphrey Turner,	<i>Boston,</i>	Manter Block 1.
Noble , John, Jr.	<i>Roxbury,</i>	W. H. 26.
Noyes , George Harold,	<i>Georgetown,</i>	W. H. 13.
O'Brien , Lewis Ogden,	<i>New York, N. Y.</i>	Ware 30.
Olds , Robert Edwin,	<i>St. Paul, Minn.</i>	C. 32.
Oppenheimer , Bernard Sutro,	<i>Cambridge,</i>	2 Berkley Pl.
Paine , Charles Jackson, Jr.	<i>Weston,</i>	Little's Block 11.
Park , Lawrence,	<i>Groton,</i>	24 Holyoke St.
Parker , Augustin Hamilton,	<i>Boston,</i>	9 Bow St.
Parker , Charles Henry, Jr.	<i>Boston,</i>	Hilton Block 27.

Parker, William Belmont,	<i>Norfolk, Neb.</i>	C. 67.
Perry, Drake Thorndyke,	<i>Cleveland, O.</i>	P. 23.
Phelan, Michael Francis,	<i>Lynn,</i>	H'ke 14.
Phillips, Henry Alexander,	<i>Springfield,</i>	28 Holyoke St.
Phillips, James Duncan,	<i>Salem,</i>	W. 26.
Pickering, Harry Edward,	<i>Lowell,</i>	H'ke 35.
Pitts, Samuel Lendall,	<i>Detroit, Mich.</i>	W. 19.
Plum, Harry Clarke,	<i>Poughkeepsie, N. Y.</i>	P. 58.
Poland, Willard Norman,	<i>Roxbury,</i>	Temple St., W.
Porter, Robert Brastow,	<i>Quincy,</i>	H. 13. [Roxbury.
Potts, Joseph,	<i>Kansas City, Mo.</i>	12 Sumner St.
Pratt, Edwin Bartlett, Jr.	<i>Quincy,</i>	3 Sumner St.
Prescott, Carl Francis,	<i>Salina, Kans.</i>	W. 8.
Priest, Herbert Bancroft,	<i>Littleton,</i>	F. 1.
Ranlet, Ralph,	<i>Holyoke,</i>	1270 Mass. Ave.
Rantoul, Edward Lambert,	<i>Salem,</i>	Hilton Block 40.
Rawson, Charles Thresher,	<i>Boston,</i>	118 Myrtle St., Boston.
Raynolds, Herbert Frederick,	<i>Las Vegas, N. Mex.</i>	40 Kirkland St.
Reed, Alfred Zantzing,	<i>Colorado Sp'gs, Col.</i>	Wadsworth House 7.
Reed, Howard Alden,	<i>Brooklyn, N. Y.</i>	P. 58.
Reynolds, George Edmund,	<i>Somerville,</i>	28 Wigglesworth St., Somerville.
Rice, Edward Eggleston,	<i>Cambridge,</i>	27 Maple Ave.
Ricketson, John Howland, Jr.	<i>Allegheny City, Pa.</i>	9 Bow St.
Robbins, Reginald Laurant,	<i>Hingham,</i>	P. 45.
Roberts, George Newman,	<i>Cambridge,</i>	20 Craigie St.
Roberts, Harry Stout,	<i>Camden, N. J.</i>	C. 28.
Roberts, Watkins William,	<i>Lawrence,</i>	1611 Mass. Ave.
Robinson, Louis Sydney Bassford,	<i>Chicago, Ill.</i>	1750 Cambridge St.
Rodman, Alfred, Jr.	<i>Dedham,</i>	Read's Block 2.
Rogers, Gorham, Jr.	<i>Roxbury,</i>	T. 8.
Rogers, Harry Hall,	<i>Quincy,</i>	3 Sumner St.
Rose, Anthony,	<i>Newark, Cal.</i>	H. 10.
Ross, Harry Francis,	<i>Bangor, Me.</i>	Ware 3.
Rowe, Harry Sherman,	<i>Roxbury,</i>	25 Catawba St., Roxbury.
Rowell, Frank Bailey,	<i>Waltham,</i>	West Dale St., Waltham.
Rumford, Cyrus Peter Miller,	<i>Wilmington, Del.</i>	68 Mt. Auburn St.
Rumrill, Chester Chapin,	<i>Springfield,</i>	Beck 34.
Rumsey, William Lacy,	<i>Wolcott, N. Y.</i>	T. 57.
Ryder, Arthur William,	<i>Andover,</i>	C. 4.

Safford, Harry Everett,	Lawrence,	Hammond St.
Sanborn, George Phippen,	Brookline,	H. 15.
Sanders, Arthur Lord,	Salem,	12 Mt. Auburn St.
Sargent, Porter Edward,	San Bernardino, Cal.	40 Kirkland St.
Saylor, Ralph Evans,	Pottstown, Pa.	1130 Mass. Ave.
Scaife, Roger Livingston,	Boston,	Little's Block 9.
Scannell, David Daniel,	Jamaica Plain,	14 Mellen St.
Schurz, Herbert,	Pocantico Hills, N. Y.	W. H. 11.
Scott, Arnold,	Leominster,	H'y 9.
Scott, Henry Russell,	Burlington, Ia.	P. 49.
Sears, Harry Franklin,	Somerville,	20 Pinckney St., Somerville.
Sears, Loring Putnam,	Cambridge,	16 Avon St.
Segerblom, Wilhelm,	Wakefield,	28 Emerson St., Wakefield.
Sellers, Samuel Campbell,	Baltimore, Md.	104 Mt. Auburn St.
Shakman, William Abraham,	Milwaukee, Wis.	Trinity 14.
Shannon, James Herbert,	Cambridge,	71 Hammond St.
Sharts, Joseph William,	Dayton, O.	125 Mt. Auburn St.
Shaw, Francis George,	Boston,	Little's Block 11.
Shea, Daniel James Joseph,	Boston,	56 Fayette St.
Shea, James Joseph,	Boston,	H'ke 11.
Sheppard, William Trull,	Springfield, Mo.	M. 31.
Sides, Walter Herman,	Portsmouth, N. H.	W. H. 12.
Simpkins, Ralph,	St. Louis, Mo.	H'ke 10.
Slæ, Lincoln Fleetford,	Medford,	42 Kirkland St.
Skinner, Roy Churchill,	Jamaica Plain,	Forest Hills St., Jamaica Plain.
Smith, Clement Lawrence, Jr.	Cambridge,	64 Sparks St.
Smith, Frederick Phillips,	Boston,	C. 37.
Smith, Leonard Kingsley,	Denver, Colo.	C. 2.
Smith, Maxwell Tappan,	Auburn, Me.	C. 2.
Smith, Philip Lees,	Worcester,	44 Brattle St.
Smith, William Massey,	Boston,	W. 32.
Southard, Elmer Ernest,	Boston,	T. 1.
Sprague, Albert Arnold, 2d,	Chicago, Ill.	Claverly 30.
Sprague, Rufus Bates,	Boston,	H. 20.
Sprague, Rufus William, Jr.	Charlestown,	407 Main St., Charlestown.
Stafford, Richard Livingston,	Port Richmond, N. Y.	M. 23.
Stanley, Harold King,	Boston,	78 Rutland St., Boston.
Stanwood, Francis Manning, Jr.	Boston,	Shepherd Block 6.

Stebbins, Charles Livingston,	<i>Tunkhannock, Pa.</i>	1611 Mass. Ave.
Stephens, Redmond Davis,	<i>Chicago, Ill.</i>	Ware 26.
Stevens, Arthur Wesselhoeft,	<i>Boston,</i>	H'y 23.
Stevens, Edmund,	<i>Cambridge,</i>	H'y 17.
Stevens, Raymond Bartlett,	<i>Lisbon, N. H.</i>	52 Mt. Auburn St.
Stevenson, Robert Hooper, Jr.	<i>Readville,</i>	Little's Block 10.
Stickney, Albert, Jr.	<i>New York, N. Y.</i>	Little's Block 16.
Stone, Melville Edwin,	<i>Chicago, Ill.</i>	Little's Block 22.
Storey, Richard Cutts.	<i>Brookline,</i>	Edgehill Road, Brookline.
Straus, Percy Selden,	<i>New York, N. Y.</i>	Little's Block 3.
Street, Arthur Frederic,	<i>New York, N. Y.</i>	Beck 44.
Sturgis, James McCulloch,	<i>Manchester,</i>	Little's Block 24.
Sullivan, Daniel,	<i>Peabody,</i>	24 Mt. Auburn St.
Sullivan, James Amory,	<i>Boston,</i>	44 Brattle St.
Taylor, Charles Valentine,	<i>Boston,</i>	Trinity 9.
Taylor, Harvey Clinton,	<i>Haverhill,</i>	W. H. 50.
Thacher, Archibald Gourlie,	<i>Boston,</i>	Beck 37.
Thomas, Arthur Frank Stockdale,	<i>Salt Lake City, Utah,</i>	P. 35.
Thomas, George,	<i>Benson, Utah,</i>	96 Ellery St.
Thompson, Phillips Blagden,	<i>New York, N. Y.</i>	Claverly 23.
Thomson, Frank Graham,	<i>Merion Station,</i>	Read's Block 22.
Tirrell, James Austin,	<i>Rockland,</i>	Rockland.
Tobey, Edward Nelson,	<i>Cambridge,</i>	36 Carver St.
Todd, Arthur Somerville,	<i>New Bedford,</i>	89 Hammond St.
Touret, Frank Hale,	<i>Salem,</i>	T. 62.
Truadell, Waldo Bromley,	<i>Holden,</i>	C. 42.
Tucker, Raymond,	<i>Boston,</i>	W. 30.
Tuckerman, Lucius Cary,	<i>Boston,</i>	Little's Block 30.
Tudor, William, Jr.	<i>Boston,</i>	60 Mt. Auburn St.
Turner, Hunt,	<i>St. Louis, Mo.</i>	Claverly 4.
Underwood, Loring,	<i>Belmont,</i>	Hilton Block 7.
Upton, Roger,	<i>Boston,</i>	1 Garden St.
Viaux, Victor,	<i>Dorchester,</i>	9 Wales St., Dor-
Vincent, William Howard,	<i>Boston,</i>	T. 62. [chester.
Walcott, Philip Keyes,	<i>Concord,</i>	W. H. 18.
Walker, Wallis Dunlap,	<i>Portsmouth, N. H.</i>	M. 32.
Warren, Charles Henry,	<i>Boston,</i>	33 Chestnut Hill Ave., Brighton.
Warren, Joseph,	<i>Boston,</i>	Claverly 32.
Waterhouse, Everett Marshall,	<i>Saco, Me.</i>	42 Kirkland St.
Waterman, Howard Wayne,	<i>Chicago, Ill.</i>	H. 27.
Watson, George Holdrege,	<i>Milton,</i>	Little's Block 16.

Weatherby, Charles Alfred,	<i>St. Paul, Minn.</i>	65 Hammond St.
Weld, Christopher Minot,	<i>Jamaica Plain,</i>	M. 51.
Weld, Francis Minot,	<i>Jamaica Plain,</i>	M. 51.
Wells, Edgar Huidekoper,	<i>Boston,</i>	Claverly 32.
Welsh, Julian Palmer,	<i>New York, N. Y.</i>	Claverly 10.
West, Stuart Pullman,	<i>New York, N. Y.</i>	M. 44.
Weston, George Benson,	<i>Cambridge,</i>	81 Oxford St.
Weston, Gilbert Dodge,	<i>Beverly,</i>	G. 44.
White, Harold Tredway,	<i>Brooklyn, N. Y.</i>	48 Brattle St.
Whiting, Charles Frederick,	<i>Wilton, N. H.</i>	1 Garden St.
Whitman, William, Jr.	<i>Brookline,</i>	Warland Block 15.
Whitney, Richard Merrill,	<i>Andover,</i>	C. 48.
Whoriskey, Richard, Jr.	<i>Cambridge,</i>	17 Winter St.
Wilbur, Hervey Backus,	<i>Skaneateles, N. Y.</i>	53 Trowbridge St.
Williams, Frederick Smith,	<i>Waltham,</i>	Waltham.
Williams, Harvey Ladew,	<i>New York, N. Y.</i>	Beck 32.
Williams, Stillman Pierce,	<i>Roxbury,</i>	M. 18.
Williams, William Taylor Burwell,	<i>Millwood, Va.</i>	C. 9.
Wilson, Charles Stetson,	<i>Bangor, Me.</i>	W. H. 44.
Winthrop, Beeckman,	<i>New York, N. Y.</i>	Beck 33.
Wood, Nathaniel Knight,	<i>Somerville,</i>	18 Greenville St.
		[Somerville.
Wormelle, Wilson Ward,	<i>Boston,</i>	6 Menlo St.,
Wrightington, Edgar Newcomb,	<i>Brookline,</i>	H. 9. [Brighton.
Wrightington, Sydney Russell,	<i>Fall River,</i>	18 Trowbridge St.
Wyman, Bruce,	<i>Hyde Park,</i>	F. 1.
Zanetti, Enrigur Arcadio,	<i>Matanzas, Cuba,</i>	W. H. 56.

FRESHMAN CLASS.

Abbe, William,	<i>Washington, D. C.</i>	D. H. 3.
Abbott, James Marland,	<i>Lowell,</i>	11 Sumner St.
Adams, Henry, 2d,	<i>Boston,</i>	Claverly 3.
Adams, Howard Macy,	<i>Boston,</i>	Ware 9.
Adams, John,	<i>Lincoln,</i>	Claverly 27.
Adams, Karl,	<i>Boston,</i>	W. 48.
Albright, Raymond King,	<i>Buffalo, N. Y.</i>	Ware 35.
Aldrich, Ralph Clifton,	<i>Worcester,</i>	14 Oxford St.
Allen, Gordon,	<i>Staten Island, N. Y.</i>	H. 23.

Ames, Frederick Lothrop,	<i>Boston,</i>	Claverly 7.
Ames, Oakes,	<i>Boston,</i>	Ware 48.
Appleton, George Decatur,	<i>Cambridge,</i>	19 Ware St.
Arnold, Frederick Shermann,	<i>Poughkeepsie, N. Y.</i>	16 Oxford St.
Ayres, Charles Hamilton, Jr.	<i>Rahway, N. J.</i>	C't 2.
Baars, Theodore Dunwody,	<i>Pensacola, Fla.</i>	C't 37.
Bacon, Paul Valentine,	<i>Medford,</i>	W. 23.
Bail, John Warren,	<i>Newton,</i>	P. 12.
Baker, William Wilson,	<i>Jamaica Plain,</i>	P. 85.
Bampton, George Fredrick,	<i>Derry, N. H.</i>	C. 29.
Bancroft, Hugh,	<i>Cambridge,</i>	5 Putnam Ave.
Barker, LeBaron Russell,	<i>Plymouth,</i>	140 Brattle St.
Barnes, Allan Foster,	<i>Cambridge,</i>	P. 8.
Barrett, Robert LeMoyné,	<i>Chicago, Ill.</i>	12 Kirkland Pl.
Barstow, Rogers Lewis, Jr.	<i>Mattapoissett,</i>	Shepherd Block 16.
Barton, Edmund Blake,	<i>Worcester,</i>	T. 18.
Bates, Horace Freeman,	<i>Wollaston,</i>	C. 59.
Battis, James Albert,	<i>Salem,</i>	H'ke 23.
Beals, George Charles,	<i>Winchendon,</i>	G. 20.
Beecher, Frederick Lyman,	<i>Vancouver, B. C.</i>	W. H. 18.
Belt, Edward Jones,	<i>Boston,</i>	P. 85.
Bennett, Henry James,	<i>Nashville, Tenn.</i>	S. 2.
Benson, George,	<i>Cambridge,</i>	4 Mercer Circle.
Bigelow, Francis Horace,	<i>Worcester,</i>	M. 38.
Bigelow, Louis Henry,	<i>Natick,</i>	H'ke 12. [Roxbury.
Bigelow, Warren Daniels,	<i>Roxbury,</i>	7 St. James St.,
Blake, William Horton,	<i>Brookline,</i>	43 Irving St.
Blanchard, Harold,	<i>Boston,</i>	Hilton Block 14.
Block, Henry Joseph,	<i>Buffalo, N. Y.</i>	G. 12.
Bond, Thomas,	<i>Baltimore, Md.</i>	18 Plympton St.
Bonelli, Walter Hood,	<i>Boston,</i>	24 Falmouth St.,
Bonsall, Ward,	<i>Salem, O.</i>	P. 84. [Boston.
Bouvé, George Winthrop,	<i>Brookline,</i>	27 Holyoke St.
Bowditch, Henry Ingersoll,	<i>Albany N. Y.</i>	W. H. 23.
Bowker, Horace,	<i>Boston,</i>	W. 47.
Bown, Charles Elmer,	<i>Pittsburg, Pa.</i>	69 Oxford St.
Boysen, Johannes Lassen,	<i>Loitkirkeby, Germ.</i>	22 Lake St.
Brackett, Ransom Davisson,	<i>Coldwater, Mich.</i>	17 Dunster St.
Breed, George Herschel,	<i>Lynn,</i>	P. 1.
Breed, Melville,	<i>Lynn,</i>	P. 1.
Bristol, Leland Emerson,	<i>Choteau, Mont.</i>	F. 6.
Brooks, Henry Gilbert,	<i>Milton,</i>	28 Holyoke St.
Brown, Laurence Allen,	<i>Roxbury,</i>	W. 16.

Brown, Reginald Woodman Plummer, <i>Newton,</i>	W. 54.
Browne, George Albert, <i>Tacoma, Wash.</i>	Claverly 33.
Bull, Charles Caldwell, <i>San Francisco, Cal.</i>	C't 25.
Burdett, Harold Corthell, <i>Hingham,</i>	C't 33.
Burke, Francis Ramon, <i>Quincy,</i>	S. 8.
Burnett, Vivian, <i>Washington, D. C.</i>	Quincy 11.
Burnstine, Henry Charles, <i>New York, N. Y.</i>	1595 Mass. Ave.
Burrage, George Barrett, <i>Cambridge,</i>	W. 49.
Bushnell, Henry Davis, <i>Plainfield, N. J.</i>	P. 37.
Butler, Lawrence Smith, <i>New York, N. Y.</i>	Ware 7.
Butler, Max Lovell, <i>Quincy,</i>	W. 48.
Bygrave, Hilary Robert, <i>Belmont,</i>	Belmont.
Byrnes, Edward, <i>Roxbury,</i>	80 Millmont St., Roxbury.
Cabot, Norman Winslow, <i>Brookline,</i>	27 Holyoke St.
Carleton, Richard High, <i>Brookline,</i>	Little's Block 6.
Carr, Ashton Livermore, <i>Melrose,</i>	39 W. Emerson St.,
Carter, Almy Morrill, <i>Woburn,</i>	P. 14. [Melrose.
Carter, Frank Burtchaell, <i>Boston,</i>	110 Dartmouth St.,
Carter, Hubert Lazell, <i>Newton,</i>	W. H. 7. [Boston.
Carter, Richard Burrage, <i>Newton,</i>	W. H. 7.
Case, Charles Edward, <i>Plainfield, N. J.</i>	C't 34.
Case, Frederick Teague, <i>Plainfield, N. J.</i>	C't 34.
Chalfin, Paul, <i>New York, N. Y.</i>	10 Frisbie Pl.
Chandler, Whitman Mitchell, <i>Jamaica Plain,</i>	W. 17.
Childs, Herbert Howard, <i>New York, N. Y.</i>	5 Linden St.
Chipman, Richmond Lane, <i>Dorchester,</i>	P. 54.
Chisholm, Frederick George, <i>Boston,</i>	14 Leonard Ave.
Clark, Edward Palmer, <i>Boston,</i>	1727 Cambridge St.
Clark, John Taggart, <i>Roxbury,</i>	5 Lambert Ave., Roxbury.
Codman, Richard, Jr. <i>Roxbury,</i>	68 Mt. Auburn St.
Colgate, Charles Henry, Jr. <i>Somerville,</i>	92 Glen St., Somerville.
Cooper, Frank Rogers, <i>Dorchester,</i>	1096 Mass. Ave.
Copeland, Edgar Marshall, <i>Campello,</i>	59 Harris St.
Cordova, Julian Dana de, <i>Lincoln,</i>	C't 27.
Cottle, Henry Edmund, <i>Randolph,</i>	6 Irving Pl.
Crapo, Chester Frederick, <i>Burlington, Ia.</i>	P. 43.
Crawley, George Waldo, <i>Newton,</i>	P. 78.
Crocker, Frank Longfellow, <i>Portland, Me.</i>	14 Kirkland Pl.
Cronin, Charles Henry, <i>Boston,</i>	Hyde Park Ave.,
Cropley, Jacob Howard, <i>Marblehead,</i>	P. 59. [Boston.

Cunniff, Michael James Glen,	<i>Jamaica Plain,</i>	6 Mt. Auburn St.
Curtis, Benjamin Robbins,	<i>Cambridge,</i>	C't 20.
Curtis, Ellicott Douglass,	<i>New York, N. Y.</i>	Shepherd Block 5.
Curtis, Frazier,	<i>Boston,</i>	Ware 38.
Cutter, Charles Winthrop,	<i>Brookline,</i>	Ware 40.
Cutter, Henry Francis Heard,	<i>Worcester,</i>	P. 71.
Cutting, Edwin Warren,	<i>Worcester,</i>	T. 13.
Daell, Paul Alphonse Henry van,	<i>Cambridge,</i>	105 Irving St.
Dalton, Philip Spaulding,	<i>Boston,</i>	W. H. 48.
Davis, Albert Watson,	<i>Roxbury,</i>	P. 50.
Davis, Malcolm Brooks,	<i>Cambridge,</i>	P. 8.
Davis, Ralph Sylvester,	<i>Waverly,</i>	Waverly.
Denholm, William James,	<i>Worcester,</i>	W. H. 36.
Denison, John Avery,	<i>Springfield,</i>	P. 84.
DeNormandie, Robert Laurent,	<i>Cambridge,</i>	P. 17.
Dexter, Edmund Victor,	<i>New Brighton, N. Y.</i>	H'y 22.
Dexter, Lemuel LeBaron,	<i>Mattapoisett,</i>	6 Irving Pl.
Dobyns, Fletcher,	<i>Oberlin, O.</i>	S. 23.
Doe, Robert,	<i>Salmon Falls, N. H.</i>	C't 2.
Donaldson, William Rhind, Jr.	<i>St. Louis, Mo.</i>	C't 45.
Dorman, William Edwin,	<i>Lynn.</i>	C't 7.
Dove, Percival,	<i>Andover,</i>	Hilton Block 13.
Du Bois, Arthur,	<i>Staten Island, N. Y.</i>	M. 28.
Dumaresq, Jordan,	<i>Chestnut Hill,</i>	78 Mt. Auburn St.
Dunn, Robert Steed,	<i>Newport, R. I.</i>	H'ke 48.
Dutton, Richard,	<i>Wakefield,</i>	G. 20.
Dyer, Henry Bradford,	<i>Cambridge,</i>	25 Mt. Pleasant St.
Edmunds, John Winthrop,	<i>Wellesley Hills,</i>	M. 8.
Edson, John Wells,	<i>Roxbury,</i>	T. 12.
Edwards, Edmund Baker,	<i>Milton,</i>	C't 12.
Ely, Vivian Daniel,	<i>St. Louis, Mo.</i>	C't 47.
Emmet, Grenville Temple,	<i>New Rochelle, N. Y.</i>	60 Mt. Auburn St.
Emmons, Arthur Brewster, 2d,	<i>St. Louis, Mo.</i>	Hilton Block 19.
Fahnestock, Clarence,	<i>New York, N. Y.</i>	Ware 13.
Fales, Lewis Adams,	<i>Thomaston, Me.</i>	36 Mt. Auburn St.
Feiss, Henry Otto,	<i>Cleveland, O.</i>	3 Sumner St.
Ffoulke, Horace Cushing,	<i>Washington, D. C.</i>	43 Irving St.
Fisher, Richard Thornton,	<i>Berkshire,</i>	P. 46.
Fiske, Charles Norman,	<i>Upton,</i>	M. 29.
Flagg, Charles Jewett,	<i>Holliston,</i>	C't 42.
Flershem, Rudolph Byford,	<i>Chicago, Ill.</i>	C't 36.
Flint, John,	<i>Brookline,</i>	W. H. 22.
Fordyce, Samuel Wesley, Jr.	<i>St. Louis, Mo.</i>	W. H. 48.

Foster, Herbert Ira,	<i>Brookline,</i>	25 Holyoke St.
Foster, Lindsey King,	<i>Arlington,</i>	Felton Building 81.
Fowler, Henry Wood,	<i>Worcester,</i>	P. 53.
Fox, Edward Winslow,	<i>Portland, Me.</i>	Ware 30.
French, Charles Howe,	<i>Canton,</i>	W. 20.
Frost, Samuel Tufts,	<i>Boston,</i>	P. 6.
Fuller, Samuel Lester,	<i>Boston,</i>	31 Holyoke St.
Fullerton, Edward Dwight,	<i>Brockton,</i>	C. 65.
Furness, James Thwing,	<i>Chicago, Ill.</i>	M. 1.
Gale, Harold Adams,	<i>Chicago, Ill.</i>	P. 31.
Gardner, Perley,	<i>Exeter, N. H.</i>	30 Wallace St.
Gardner, William McClintock,	<i>Andover,</i>	W. 27.
Garland, Francis Paul,	<i>Somerville,</i>	26 Tyler St., Somer-
Gaw, Cooper,	<i>Easton, Pa.</i>	F. 2. [ville.
Gay, Fritz Walter,	<i>Malden,</i>	P. 73.
Gibbs, John Mellen, Jr.	<i>Waltham,</i>	15 Church St., Waltham.
Gierasch, Paul Francis Julius,	<i>W. Hampton, N. Y.</i>	11 Appian Way.
Gifford, Arthur Poole,	<i>Salem,</i>	H'ke 23.
Gifford, Lloyd Oakes,	<i>Lynn,</i>	37 Putnam Ave.
Giles, George Anson,	<i>Apalachin, N. Y.</i>	438 Green St.
Gillespie, Lawrence Lewis,	<i>New York, N. Y.</i>	Hilton Block 6.
Goodrich, David Marvin,	<i>Cambridge,</i>	Claverly 37.
Goodridge, Frederick James,	<i>Cambridge,</i>	1705 Mass. Ave.
Gould, Carl Frelinghuysen,	<i>Tarrytown, N. Y.</i>	C't 16.
Gray, William Holder, Jr.	<i>Dorchester,</i>	T. 16.
Graydon, Joseph Spencer,	<i>Cincinnati, O.</i>	C't 29.
Greenhalge, Frederic Brandlesome,	<i>Lowell,</i>	P. 38.
Greenough, Chester Noyes,	<i>Wakefield,</i>	T. 25.
Greenough, Malcolm Scollay, Jr.	<i>Cleveland, O.</i>	Ware 38.
Grilk, Charles,	<i>Davenport, Ia.</i>	T. 40.
Guillow, Louis Ezra,	<i>Gilsum, N. H.</i>	F. 6.
Gulick, James Gordon,	<i>San Sebastian, Spain,</i>	11 Holyoke St.
Gurney, Melvin Knowles,	<i>Brockton,</i>	16 Oxford St.
Hack, Harold Wright,	<i>Taunton,</i>	G. 6.
Hall, Frank York,	<i>Roxbury,</i>	T. 52.
Hall, Gardner Wells,	<i>Newton,</i>	W. H. 54.
Halle, Arthur Jay,	<i>Cleveland, O.</i>	3 Sumner St.
Hanson, Fernald Lester,	<i>Somerset,</i>	19 Hilliard St.
Hardenbrook, Frederick Lampman,	<i>Jamaica, N. Y.</i>	S. 24.
Hardwick, Charles Henry,	<i>Quincy,</i>	57 Brattle St.
Harper, Fletcher,	<i>New York, N. Y.</i>	Ware 13.
Harrington, Wentworth Lewis,	<i>Millburn, N. J.</i>	P. 67.

Hartshorn, Stewart Henry,	<i>Short Hills, N. J.</i>	C't 48.
Haskell, Guy Butler,	<i>Newton,</i>	M. 46.
Hatch, William Henry Paine,	<i>So. Hartford, N. Y.</i>	1124 Mass. Ave.
Hawkes, Charles Eleazer,	<i>Portland, Me.</i>	C't 9.
Hayes, Bartlett Harding,	<i>Jamaica Plain,</i>	H'y 2.
Hecht, Simon Elias,	<i>Boston,</i>	Ware 34.
Henderson, Lawrence Joseph,	<i>Salem,</i>	H'ke 40.
Hendrick, Frank,	<i>Boston,</i>	G. 3.
Hennen, William Davison,	<i>Westchester, N. Y.</i>	17 Story St.
Higginson, Alexander Henry,	<i>Boston,</i>	W. H. 48.
Hill, Donald Mackay,	<i>Brookline,</i>	25 Holyoke St.
Hinman, George Walker,	<i>No. Reading,</i>	C. 10.
Hoague, Theodore,	<i>Boston,</i>	Ware 47.
Holden, Willard Malcolm,	<i>Kansas City, Mo.</i>	20 Berkeley St.,
Hollis, Samuel Hudson,	<i>Lynn,</i>	P. 24. [Malden.
Holmes, George Merrick Rice,	<i>Boston,</i>	229 Marlboro' St., Boston.
Holt, Harrison Jewell,	<i>Portland, Me.</i>	Ware 11.
Holway, Arthur Huntington,	<i>Salem,</i>	D. 21.
Hooper, Henry True,	<i>Portland, Me.</i>	C't 9.
Horton, Kenneth,	<i>Quincy,</i>	Hilton Block 39.
Hosmer, Henry Joseph, Jr.	<i>Concord,</i>	C't 1.
Hosmer, Louis Holyoke,	<i>Washington, D. C.</i>	Shepherd Block 13.
Howard, Arthur Henry,	<i>Hyde Park,</i>	C. 65.
Howland, George Wendall,	<i>Sandwich,</i>	421 Broadway.
Howland, Horatio Kempton,	<i>New Bedford,</i>	Hilton Block 36.
Hoyt, William Welles,	<i>Roxbury,</i>	10 Hilliard St.
Hubbard, Frederic Tracy,	<i>Cambridge,</i>	Hilton Block 24.
Hubbard, Joseph Edwards,	<i>Charleston, S. C.</i>	1200 Mass. Ave.
Hubbard, Paul Mascarene,	<i>Boston,</i>	Ware 40.
Huidekoper, Reginald Shippen,	<i>Washington, D. C.</i>	Ware 21.
Huiskamp, John Edabduel,	<i>Keokuk, Ia.</i>	W. 21.
Hunter, Herbert Colman,	<i>Natick,</i>	7 Sumner St.
Hyde, James Hazen,	<i>New York, N. Y.</i>	Claverly 9.
Irving, Henry Du Pont,	<i>Staten Island, N. Y.</i>	Claverly 13.
Jackson, Charles,	<i>Boston,</i>	28 Holyoke St.
Jackson, Carl Newell,	<i>Waltham,</i>	P. 54.
Jackson, William Harold,	<i>Newton,</i>	Ware 33.
Jewell, Walter Orwell,	<i>Lawrence,</i>	60 Wendell St.
Johnson, Erik St. John,	<i>Braintree,</i>	P. 62.
Johnson, Reginald Mansfield,	<i>Andover,</i>	Hilton Block 3.
Johnson, William Allen,	<i>Bridgewater,</i>	421 Broadway.
Jones, Edward Loring,	<i>Portsmouth, N. H.</i>	W. H. 13.

Jordan, Frederick,	<i>Philadelphia, Pa.</i>	Ware 89.
Keene, Charles Herbert,	<i>Allston,</i>	47 Mansfield St.,
Kelly, Nathan Spaulding,	<i>Boston,</i>	P. 6. [Allston.
Kennedy, Frank Alexander,	<i>Medford,</i>	Medford.
Kennett, John Durand,	<i>Chicago, Ill.</i>	Beck 41.
Kilbreth, John William, Jr.	<i>Southampton, L. I.</i>	Ware 10.
Kimball, Lemuel Cushing, Jr.	<i>Boston,</i>	P. 28.
Kimball, William Otis,	<i>Roxbury,</i>	T. 16.
King, Cyril Norman,	<i>Jamaica, W. I.</i>	56 Plympton St.
Kinnicutt, Gustav Hermann,	<i>New York, N. Y.</i>	W. 18.
Knox, James Lloyd,	<i>Newton,</i>	W. H. 51.
Leavitt, George William,	<i>Cambridge,</i>	5 Warland St.
Leen, Thomas Francis,	<i>Charlestown,</i>	19 Salem St., Charlestown.
Legg, Arthur Thornton,	<i>Chelsea,</i>	M. 15.
Liebmann, Charles Joseph,	<i>New York, N. Y.</i>	20 Prescott St.
Ling, Louis Chauncy,	<i>Detroit, Mich.</i>	16 Story St.
Lloyd, William Bross,	<i>Winnetka, Ill.</i>	T. 27.
Logan, Edward Lawrence,	<i>Boston,</i>	P. 40.
Long, Percy Carr,	<i>Plainfield, N. J.</i>	P. 18.
Long, Percy Waldron,	<i>Philadelphia, Pa.</i>	G. 31.
Loud, John Adams,	<i>Chelsea,</i>	Felton Building 21.
Lunt, Horace Fletcher,	<i>Colorado Springs, Colo.</i>	T. 27.
McBurney, Henry,	<i>New York, N. Y.</i>	57 Brattle St.
McDaniel, Arthur Sumner,	<i>Newton,</i>	M. 59.
McIntyre, William Gordon Stuart,	<i>Milton,</i>	G. 34.
McPherson, Ross,	<i>Cambridge,</i>	P. 42.
McVey, John Rankin,	<i>Boston,</i>	868 E. Fifth St., So. Boston.
Mahon, Edward,	<i>Ottumwa, Ia.</i>	C't 22.
Manning, Charles Frederick,	<i>Cambridge,</i>	898 Putnam Ave.
Marcy, Richard,	<i>Belmont,</i>	Little's Block 1.
Mark, Kenneth Lamartine,	<i>Cambridge,</i>	109 Irving St.
Marsten, Joseph Freeman,	<i>Columbus, O.</i>	14 Oxford St.
Marvin, Langdon Parker,	<i>Albany, N. Y.</i>	C't 4.
Mason, Howard Curry,	<i>Boone, Ia.</i>	W. H. 14.
Maynard, Effingham, Jr.	<i>New York, N. Y.</i>	5 Linden St.
Merrill, Fullerton,	<i>Bangor, Me.</i>	W. H. 40.
Metcalf, George Putnam,	<i>St. Paul, Minn.</i>	P. 76.
Millard, Everett Lee,	<i>Chicago, Ill.</i>	H'ke 28.
Millard, Herbert Eugene,	<i>Waltham,</i>	Waltham.
Millett, Frederic Strickland,	<i>Beverly,</i>	P. 64.
Moore, Clarence King,	<i>Cambridge,</i>	85 Wallace St.

Morey, George Palmer, Jr.	<i>Walpole,</i>	H'ke 44.
Morgan, Charles Eldridge, 8d,	<i>Germantown, Pa.</i>	26 Holyoke St.
Morse, Herbert Richardson,	<i>Boston,</i>	T. 46.
Morse, Tyler,	<i>Boston,</i>	Ware 27.
Naumburg, George Washington,	<i>New York, N. Y.</i>	C't 28.
Newhall, Albert Hitchings,	<i>Saugus,</i>	E. Saugus.
Newhall, Guy,	<i>Lynn,</i>	1534 Cambridge St.
Noble, George,	<i>Cambridge,</i>	25 Holyoke St.
Odde, John Alvin Lawson,	<i>Cambridge,</i>	16 Lake St.
Otis, William Kitchen,	<i>Chicago, Ill.</i>	M. 6.
Packard, Frederick Henry,	<i>Somerville,</i>	25 Warren Ave., Somerville.
Packard, Herbert Sumner,	<i>W. Bridgewater,</i>	G. 52.
Palfrey, Francis Winslow,	<i>Belmont,</i>	G. 22.
Palmer, Honoré,	<i>Chicago, Ill.</i>	Claverly 19.
Palmer, Potter, Jr.	<i>Chicago, Ill.</i>	Claverly 33.
Parke, Ramond Tasker,	<i>Lynn,</i>	1683 Cambridge St.
Parkhurst, Laurence Henry,	<i>Cambridge,</i>	45 Dana St.
Parrott, Alfred F,	<i>Worcester,</i>	
Parsons, Percy Fowler,	<i>Somerville,</i>	18 Crescent St., Somerville.
Patterson, Henry Sells,	<i>Ripley, O.</i>	S. 24.
Payson, Charles Clifford,	<i>Brookline,</i>	Hilton Block 15.
Perkins, James Handasyd,	<i>Milton,</i>	38 Winthrop St.
Perkins, Norton,	<i>New York, N. Y.</i>	Ware 23.
Pettijohn, George,	<i>Chicago, Ill.</i>	M. 1.
Philbrick, Hazen Pierce,	<i>Cambridge,</i>	38 Putnam Ave.
Phillips, Eben Fenimore,	<i>Dennis,</i>	W. 24.
Pickhardt, Ernest Wilhelm Sutton,	<i>New York, N. Y.</i>	Hilton Block 35.
Pierce, Starr MacGregor,	<i>Cambridge,</i>	43 Dana St.
Pierson, Ralph,	<i>Omaha, Neb.</i>	1697 Cambridge St.
Pilling, Arthur Thomas,	<i>Washington, D. C.</i>	P. 11.
Pitman, Edward Franklin,	<i>Salem,</i>	H'ke 40.
Player, Preston,	<i>Worcester,</i>	Ware 25.
Porter, William Howard,	<i>Concord, N. H.</i>	13 Wendell St.
Powers, Edward Dennis,	<i>Brockton,</i>	16 Oxford St.
Prentiss, John Wing,	<i>Bangor, Me.</i>	Ware 41.
Prescott, Henry Dudley,	<i>New Bedford,</i>	W. 35.
Putnam, George Ralph,	<i>Chelsea,</i>	M. 15.
Rand, Waldron Holmes, Jr.	<i>Dorchester,</i>	M. 8.
Raynolds, Hallett,	<i>Las Vegas, N. M.</i>	5 Linden St.
Records, William Henry,	<i>Arlington,</i>	Arlington Heights.
Redpath, Léon Wallace,	<i>Newton,</i>	W. H. 51.

Reed, Franklin Weld,	<i>Dorchester,</i>	17 Sayward St., Dorchester.
Reed, William Howell, Jr.	<i>Roxbury,</i>	81 Walnut Ave., Roxbury.
Regan, Charles Francis,	<i>Cambridge,</i>	174½ Spring St., E. Cambridge.
Reynolds, Arthur Warren,	<i>Cambridge,</i>	126 Green St.
Rice, Alexander Hamilton, 2d,	<i>Boston,</i>	30 Holyoke St.
Rice, John Clark,	<i>Boston,</i>	30 Holyoke St.
Richards, Henry Howe,	<i>Gardiner, Me.</i>	P. 79.
Riggs, Austen Fox,	<i>New York, N. Y.</i>	Ware 7.
Roberts, Hiram Hall,	<i>Youngstown, O.</i>	67 Oxford St.
Robertson, Carl Trowbridge,	<i>Cleveland, O.</i>	12 Kirkland Pl.
Robinson, Beverley Randolph,	<i>New York, N. Y.</i>	Little's Block 14.
Robinson, Ernest William,	<i>Mount Vernon, N. H.</i>	4 Arrow St.
Robinson, Herman Foster,	<i>New York, N. Y.</i>	Little's Block 14.
Robinson, Moncure,	<i>New York, N. Y.</i>	Read's Block 30.
Robinson, Samuel,	<i>Boston,</i>	H'y 10.
Rogers, Joseph Moulton,	<i>Roxbury,</i>	21 Linwood St., Roxbury.
Rust, Paul Drummond,	<i>Cambridge,</i>	5 Scott St.
Sanborn, Edwin Luther, Jr.	<i>Boston,</i>	Ware 48.
Sawyer, Philip Brett,	<i>Roxbury,</i>	T. 12.
Sayre, Hal, Jr.	<i>Denver, Colo.</i>	8 Craigie St.
Scott, Hugh Davids,	<i>Philadelphia, Pa.</i>	Claverly 35.
Scull, Guy Hamilton,	<i>Boston,</i>	Claverly 14.
Shaw, Edward Pearce,	<i>Medford,</i>	147 High St., W. Medford.
Shaw, James Ebenezer Norton,	<i>Mattapoisett,</i>	C. 25.
Sheafe, Charles Minot, Jr.	<i>Seattle, Wash.</i>	19 Irving St.
Shepard, Edward Olcott, Jr.	<i>Newburyport,</i>	P. 39.
Sherburne, Andrew Edward,	<i>Roxbury,</i>	1132 Mass. Ave.
Slade, Charles Parker,	<i>Quincy,</i>	57 Brattle St.
Smith, Curtis Nye,	<i>Newton,</i>	1727 Cambridge St.
Smith, Harry Shepherd,	<i>Springfield,</i>	P. 88.
Smith, St. John,	<i>New York, N. Y.</i>	Ware 32.
Smith, Vine Harold,	<i>Hanover, Conn.</i>	11 Appian Way.
Spargo, Edwin Baker,	<i>Mattapan,</i>	122 Oxford St.
Sprague, James Herbert,	<i>Charlestown,</i>	407 Main St., Charlestown.
Stackpole, William, 2d,	<i>Boston,</i>	Hilton Block 29.
Stanley, Harry Rufus,	<i>Lawrence,</i>	10 Remington St.
Starbuck, Eric Arthur,	<i>Andover,</i>	Andover.

Stearns, Robert Thomas,	<i>Jamaica Plain,</i>	48 Wendell St.
Stensland, Theodore,	<i>Chicago, Ill.</i>	Ware 31.
Sterling, Frederic Augustine,	<i>St. Louis, Mo.</i>	7 Linden St.
Stillman, Charles Chauncey,	<i>New York, N. Y.</i>	Beck 22.
Stone, Benjamin Heywood,	<i>Worcester,</i>	M. 38.
Stone, Robert Bowditch,	<i>Boston,</i>	Hilton Block 16.
Stout, Ralph,	<i>Brooklyn, N. Y.</i>	28 Creighton St.
Stowell, Ellery Cory,	<i>Lexington,</i>	C't 23.
Sullivan, John Benjamin, Jr.	<i>Taunton,</i>	D. 16.
Sulloway, Richard Woodbury,	<i>Franklin Falls, N. H.</i>	Ware 18.
Swann, John Butler,	<i>Stockbridge,</i>	C't 23.
Taft, Stephen Swift, Jr.	<i>Springfield,</i>	H'ke 47.
Talbot, Le Roy Herrick,	<i>Billerica,</i>	Ware 16.
Teevens, John Joseph, Jr.	<i>Boston,</i>	W. H. 45.
Thompson, Frederick Henry, Jr.	<i>Fitchburg,</i>	M. 29.
Thurston, Edward Sampson,	<i>New York, N. Y.</i>	Claverly 40.
Tilden, Calvin Sylvester,	<i>Hanover,</i>	P. 50.
Tirrell, Edwin Van Deusen,	<i>Hyde Park,</i>	C't 14.
Tobey, George Oakes, Jr.	<i>Augusta, Me.</i>	20 Holyoke St.
Tonjoroff, Svetozar Ivan,	<i>Philippopolis, Bulgaria,</i>	24 Mt. Auburn St.
Tonks, Oliver Samuel,	<i>Malden,</i>	P. 73.
Towner, John De Koven,	<i>Chicago, Ill.</i>	C't 85.
Trapp, Richard Alfred,	<i>Cambridge,</i>	1560 Cambridge St.
Underhill, Samuel Graham,	<i>Somerville,</i>	17 Gilman St., Somerville.
Utter, Robert Palfrey,	<i>Salt Lake City, Utah,</i>	Hilton Block B.
Valentine, Joseph Loring,	<i>Dorchester,</i>	W. 16.
Valentine, Langdon Barrett,	<i>New York, N. Y.</i>	Claverly 30.
Vaughan, Frank Apthorp,	<i>Cambridge,</i>	P. 46.
Vose, Louis Ellis,	<i>Jamaica Plain,</i>	C't 14.
Wadsworth, Eliot,	<i>Boston,</i>	432 Main St.
Waldo, Fullerton Leonard,	<i>Bridgeport, Conn.</i>	2 Phillips Pl.
Wallace, Allen,	<i>New York, N. Y.</i>	Claverly 1.
Walsh, Edward de Witt,	<i>New York, N. Y.</i>	Read's Block 20.
Ward, George Cabot,	<i>New York, N. Y.</i>	94 Prescott St.
Wardwell, Henry Fitch,	<i>Salem,</i>	T. 50.
Warner, Eugene,	<i>Buffalo, N. Y.</i>	Felton Building 24.
Warner, Roger Sherman,	<i>Cambridge,</i>	G. 32.
Waterhouse, William Eben,	<i>Melrose,</i>	H. 1.
Waters, Edward Austin,	<i>Philadelphia, Pa.</i>	P. 75.
Wells, Philip Bartlett,	<i>Plainfield, N. J.</i>	1727 Cambridge St., Melrose.
Wheelock, William Hawxhurst,	<i>New York, N. Y.</i>	18 Appian Way.

White, Ernest Devereaux,	<i>New York, N. Y.</i>	Ware 35.
White, Frank Chute,	<i>Boston,</i>	P. 12.
White, Frederick Clement,	<i>Cambridge,</i>	6 Philips Pl.
Whitford, Robert Atwood,	<i>Waltham,</i>	P. 82.
Whiting, Edward Elwell,	<i>Springfield,</i>	Felton Building 20.
Whitney, Louis Lincoln,	<i>Lincoln,</i>	C. 25.
Williams, Creighton Hamilton,	<i>Fort Wayne, Ind.</i>	Ware 51.
Wilson, Francis Cushman,	<i>Winchester,</i>	P. 18.
Winchester, Frank,	<i>Portsmouth, N. H.</i>	410 Harvard St.
Wise, Arthur Heston,	<i>Ogdensburg, N. Y.</i>	C't 11.
Wood, Howard, Jr.	<i>Philadelphia, Pa.</i>	H'ke 38.
Wood, John Freeman,	<i>Arlington,</i>	Felton Building 81.
Wood, Nathan Robinson,	<i>Brookline,</i>	52 Harrison St., Brookline.
Wood, William,	<i>Portland, Me.</i>	W. H. 41.
Woods, Andrew Salter,	<i>Bath, N. H.</i>	W. 48.
Woods, Carlton Magoun,	<i>Boston,</i>	43 Irving St.
Woodward, William,	<i>New York, N. Y.</i>	Claverly 8.
Wright, Charles Irving,	<i>Rockland,</i>	M. 2.
Wright, Frederick Richter,	<i>Aspen, Colo.</i>	Ware 24.
Wyman, Frank, 2d,	<i>St. Louis, Mo.</i>	26 Garden St.

SPECIAL STUDENTS.

Abbott, George Harcourt,	<i>Cambridge,</i>	788 Mass. Ave.
Abell, Charles Shepherdson,	<i>Rider P. O., Md.</i>	9 Waterhouse St.
Abrams, Maurice Daniel,	<i>Boston,</i>	216 W. Newton St., Boston,
Adams, William Alexander,	<i>Manchester, N. H.</i>	94 Wendell St.
Almy, Frank Stratton,	<i>Fall River,</i>	H'ke 4.
Barger, Milton Sanford,	<i>Newport, R. I.</i>	Beck 27.
Barker, Robert McNaughton,	<i>Syracuse, N. Y.</i>	881 Harvard St.
Barnard, Charles Alanson,	<i>Plattsburg, N. Y.</i>	10 Arlington St.
Baumer, Herman Erhardt,	<i>Johnstown Pa.</i>	M. 2.
Beers, Lynden Abell,	<i>Rome, N. Y.</i>	1178 Mass. Ave.
Belden, Charles Francis Dorr,	<i>Niagara Falls, N. Y.</i>	S. 29.
Bennett, Charles Henry,	<i>Bennington, Vi.</i>	96 Pembroke St., Boston.
Bird, Lindsey Eaton,	<i>Rexbury,</i>	1689 Cambridge St.

Blaustein, David,	<i>Providence, R. I.</i>	20 Summer St., Providence, R. I.
Bloom, Aaron Leopold,	<i>Chicago, Ill.</i>	Quincy 8.
Boal, Montgomery Duncan,	<i>Denver, Colo.</i>	Little's Block 15.
Boyer, Homer,	<i>Cambridge,</i>	8 Norfolk St.
Breed, Nathaniel Pope,	<i>Lynn,</i>	C. 15. [Somerville.
Brine, William Percival,	<i>Somerville,</i>	134 Highland Ave.,
Britton, Charles Oscar,	<i>Indianapolis, Ind.</i>	1137 Mass. Ave.
Bronson, George Gordon,	<i>Wyoming, Ia.</i>	30 Wesley St., Newton.
Brooks-Rosenthal, Stephen,	<i>New York, N. Y.</i>	5 Hilliard St.
Butler, Edward Gay,	<i>St. Louis, Mo.</i>	Ware 2.
Butler, Thomas Jefferson,	<i>Detroit, Mich.</i>	50 Trowbridge St.
Campbell, Francis,	<i>Cambridge,</i>	42 Langdon St.
Cassatt, Robert Kelso,	<i>Haverford, Pa.</i>	68 Mt. Auburn St.
Chandler, Benjamin Martin,	<i>Manchester, N. H.</i>	Ware 33.
Chapman, John Lee,	<i>Washington, D. C.</i>	17 Shepard St.
Chard, Thornton,	<i>Buffalo, N. Y.</i>	61 Brattle St.
Chaves, Fernando Pacheco e,	<i>São Paulo, Brazil,</i>	H'ke 49.
Clifford, Albert Goldsmith,	<i>Waterbury, Conn.</i>	P. 74.
Cone, Joseph Andrews,	<i>Cambridge,</i>	Carlisle St. [Boston.
Converse, Henry Coster,	<i>Boston,</i>	17 Hereford St.,
Cook, Newell Cheever,	<i>Boston,</i>	564 Mass. Ave., Boston.
Cozzens, George Freeman,	<i>Newport, R. I.</i>	29 Holyoke St.
Crocker, Edgar,	<i>Boston,</i>	Quincy 7.
Crossley, Fred Beers,	<i>Honesdale, Pa.</i>	418 Green St.
Curtis, Alfred Lester,	<i>Lyndeboro', N. H.</i>	6 Irving Place.
Daly, Arthur Emerson,	<i>Southampton, N. Y.</i>	13 Mellen St.
Davis, Philip Shackford,	<i>Conway, N. H.</i>	5 Shepard St.
Davis, Walter Gee,	<i>Cambridge,</i>	41 Essex St.
Dill, William Frost, B.E. (<i>Millers-</i> <i>ville State Normal School</i>),	<i>York Springs, Pa.</i>	C. 24.
Dilley, Arthur Urbane,	<i>Wilkes Barre, Pa.</i>	H. 32.
Dorsey, Edward Bartholomew,	<i>St. Paul, Minn.</i>	55 Hammond St.
Dunning, Hubert,	<i>Brooklyn, N. Y.</i>	P. 44.
Eakins, Olin Martin,	<i>Jersey City, N. J.</i>	H. 21.
Emory, Dennis,	<i>Syracuse, N. Y.</i>	7 Linden St.
Farnham, Onsville Macpherson,	<i>Roxbury,</i>	Hotel Dunbar, Roxbury.
Ford, Chester William,	<i>Rockland,</i>	Rockland.
Fordyce, William Chadick,	<i>St. Louis, Mo.</i>	W. H. 43.
Fort, Earl Warren,	<i>La Fayette, Ind.</i>	Brewer's Block 9.

Friedberg, Harry,	<i>Kansas City, Kan.</i>	W. H. 14.
Garland, Frederick Eugene,	<i>Gardner,</i>	96 Prescott St.
Gately, John Patrick,	<i>Newton,</i>	Quincy 12.
Gentner, Philip Jacob,	<i>Bradford, Pa.</i>	C. 1.
Gibson, Barret,	<i>Louisville, Ky.</i>	Brewer's Block.
Gillett, Murillo Harrison,	<i>New York, N. Y.</i>	96 Prescott St.
Goodrich, Roy Sela,	<i>Phoenix, Ariz.</i>	1699 Cambridge St.
Gordinier, Clarence Henry,	<i>Lansingburgh, N. Y.</i>	4 Arrow St.
Gordon, Frank,	<i>Kansas City, Mo.</i>	T. 53.
Grandin, John Livingston, Jr.	<i>Boston,</i>	Ware 5.
Green, Francis Harvey,	<i>West Chester, Pa.</i>	19 Rutland St.
Haga, Albert Orson, s.b. (<i>Northern Indiana Normal Sch.</i>) 1890, LL.B. (<i>Northern Indiana Law Sch.</i>) 1893,		[Somerville.]
Hale, Arthur Leslie,	<i>Lu Verne, Minn.</i>	263 Beacon St.,
Hall, James Frank,	<i>Melrose,</i>	123 Oxford St.
Hanford, Charles William,	<i>Lowell,</i>	26 Trowbridge St.
Hart, Elizur Kirke,	<i>Chicago, Ill.</i>	Claverly 4.
Hazlett, Samuel, Jr.	<i>Albion, N. Y.</i>	94 Prescott St.
Healy, William,	<i>Washington, Pa.</i>	1184 Mass. Ave.
Hernsheim, Charles,	<i>Chicago, Ill.</i>	1593 Mass. Ave.
Hill, Ernest Laurence,	<i>New Orleans, La.</i>	467 Broadway.
Hinkley, Silas,	<i>Brookline,</i>	Little's Block 31.
Hitz, William Henry,	<i>Poughkeepsie, N. Y.</i>	W. 14.
Hollis, John Hudson,	<i>Washington, D. C.</i>	W. 10.
Holt, William Abernethy, Jr.	<i>Lynn,</i>	P. 24.
Hosking, Arthur Nicholas,	<i>New London, Conn.</i>	P. 13.
Hughes, Howard Robard,	<i>Chicago, Ill.</i>	1750 Cambridge St.
Huidekoper, Albert Reynolds,	<i>Keokuk, Ia.</i>	Wadsworth House 5.
Hutchinson, James Sather, Jr.	<i>Meadville, Pa.</i>	Read's Block 14.
Hutchinson, John William,	<i>San Francisco, Cal.</i>	62 Trowbridge St.
Hylan, John Perham,	<i>Chicago, Ill.</i>	Beck 35.
Johnson, William Lyman,	<i>Fremont, N. H.</i>	S. 18.
Keefe, Philip John,	<i>Boston,</i>	41 G. St., So. Boston.
Kent, Lewis Benedict,	<i>Mumford, N. Y.</i>	100 Ellery St.
Kidder, Homer Huntington,	<i>Jamestown, N. Y.</i>	22 Mt. Auburn St.
Kimberly, Samuel Charles,	<i>Cambridge,</i>	183 Brattle St.
Kuhn, Arthur,	<i>Saginaw, Mich.</i>	1168 Mass. Ave.
Lake, Frederick Williams,	<i>Ogden, Utah,</i>	M. 11.
Lane, John Beach,	<i>Omaha, Neb.</i>	Ware 18.
Lawther, William, Jr.	<i>St. Louis, Mo.</i>	C't 19.
Lentz, Oliver Granville,	<i>Dubuque, Ia.</i>	1680 Cambridge St.
	<i>Fleetwood, Pa.</i>	D. 37.

Leonard, John Paul,	<i>Cambridge,</i>	418 Green St.
Letterle, John Michael,	<i>Louisville, Ky.</i>	Brewer's Block 18.
Levy, Raphael Leon,	<i>Seranton, Pa.</i>	1595 Mass. Ave.
Loines, Russell Hillard,	<i>Brooklyn, N. Y.</i>	26 Holyoke St.
Lynch, Daniel Edgar,	<i>Albany, N. Y.</i>	Felton Building 86.
McAlpine, Milo Frederick,	<i>Marinette, Wis.</i>	M. 8.
McCarthy, Frederick,	<i>Malden,</i>	C. 38.
McCune, Earl Vivian,	<i>Salt Lake City, Utah,</i>	1184 Mass. Ave.
McJennett, John Francis,	<i>Norwich, Conn.</i>	70 Oxford St.
Mackemer, Joseph Walter,	<i>Chicago, Ill.</i>	96 Prescott St.
McNeil, John Leonard,	<i>Elgin, Ill.</i>	Ware 17.
Mallery, Winslow,	<i>Cincinnati, O.</i>	1697 Cambridge St.
Malone, Edward Sylvester,	<i>Fitchburg,</i>	56 Mt. Auburn St.
Manley, Robert Elwood,	<i>Cattaraugus, N. Y.</i>	438 Broadway.
Martin, Louis Henry,	<i>Indianapolis, Ind.</i>	10 Mellen St.
Morrison, Francis,	<i>Allston,</i>	24 Gardner St., Allston.
Morse, Clarence Sydney,	<i>Danville, Va.</i>	46 Bowdoin St., Boston.
Morton, Benjamin Alexander,	<i>Fort Smith, Ark.</i>	57 Brattle St.
Munt, George Edward,	<i>LeRoy, N. Y.</i>	80 Wendell St.
Murphy, Daniel Fenton,	<i>Thompsonville, Ct.</i>	H. 27.
Nakamura, Keijiro,	<i>W. Futami, Japan,</i>	C't 8.
Neal, Joseph Augustus,	<i>Boston,</i>	1556 Cambridge St.
Negus, Sam Pike,	<i>Dayton, O.</i>	Ware 29.
Nevin, Frank,	<i>Allston,</i>	71 Gardner St., Allston.
Newell, Gerrish,	<i>G't Barrington,</i>	1184 Mass. Ave.
Nichols, Harry Gilfert,	<i>Corunna, Mich.</i>	Beck 8.
Nichols, Nathaniel Goldsmith,	<i>Salem,</i>	42 Kirkland St.
Norris, Benjamin Franklin,	<i>Cambridge,</i>	G. 47.
Otis, W Irving,	<i>Chicago, Ill.</i>	1208 Mass. Ave.
Paine, Charles Edwin,	<i>Somerville,</i>	62 Gilman St., E. [Somerville.
Paine, Randolph, A.B. (<i>Add-Ran</i>		
<i>Coll.</i>) 1892,	<i>Denton, Tex.</i>	16 Mellen St.
Palmer, Charles Baker,	<i>Wilmington, Del.</i>	32 Putnam Ave.
Parker, Ulysses Simpson,	<i>Fort Calhoun, Neb.</i>	11 Wendell St.
Pence, James Harry,	<i>Avondale, O.</i>	Irving Terrace.
Perry, Edwin Brewster,	<i>Geneva, O.</i>	D. H. 4.
Pope, Herbert,	<i>Cleveland, O.</i>	54 Garden St.
Powell, Oscar Littleton,	<i>Onancock, Va.</i>	11 Mellen St.
Prenner, Isidor S.	<i>Cambridge,</i>	C. 54.
Prouty, George Selby,	<i>Spencer,</i>	M. 49.

Pugh, John Francis,	Cambridge,	2½ Wyeth Sq.
Remick, Eliot Wickham,	Boston,	M. 24.
Reynolds, Hughes Turnley,	Rome, Ga.	1699 Cambridge St.
Richardson, Willie Henry,	Stoneham,	Wright St., Stoneham.
Roberts, William Fredrick,	Roxbury,	12 Brookford St., Roxbury.
Robinson, George Stanley,	Malden,	11 Wendell St.
Robinson, Thomas Henry,	Phillipsville, Pa.	42 Kirkland St.
Sawin, Fred Dana,	Watertown,	45 Arlington St., E. Watertown.
Sewall, William Gilman,	Boston,	25 Holyoke St.
Shaughnessy, Daniel Benedict, Jr.	Cambridge,	276 Cambridge St.
Shepard, Rutherford Mead,	Fanwood, N. J.	5 Linden St.
Short, Leslie Dean,	Canton, Mo.	56 Mt. Auburn St.
Shwab, Felix Emile,	Nashville, Tenn.	1178 Mass. Ave.
Silverman, Albert,	Chicago, Ill.	M. 31.
Smart, Frank Leroy, B.S. (<i>North- ern Indiana Normal School</i>)		
1887, A.B. (<i>Ibid.</i>) 1889,	Shelbyville, Ill.	24 Leonard Ave.
Smithwick, Harold,	Newcastle, Me.	6 Mt. Auburn St.
Sporborg, William Dick,	Albany, N. Y.	1750 Cambridge St.
Stearns, John Burnham,	Rutland, Vt.	16 Oxford St.
Stone, Frank Victor,	Waverley,	C. 55.
Talbot, Richmond,	New York, N. Y.	Hilton Block 1.
Thayer, John Mowry,	Worcester,	W. 31.
Tower, Moses Binney,	Auburndale,	Auburndale.
Twohey, James Austin,	Montreal, Can.	6 Story St.
Vincent, Béth,	Fort Dodge, Ia.	P. 51.
Vosburgh, Royden Woodward.	Boston,	60 Brattle St.
Weaver, William Edgar,	Saxton, Pa.	C. 45.
Westcott, Frank Perley,	White Rock, Me.	C. 23.
Westheimer, Benne Samuel,	St. Joseph, Mo.	C't 44.
White, Albert Wesley,	Newton,	W. H. 1.
Whitney, George Francis,	San Francisco, Cal.	25 Holyoke St.
Wilder, Henry Jason,	Sunderland,	C. 10.
Winslow, Andrew Nickerson,	Boston,	M. 47.
Wolcott, Oliver Arthur,	Keeseville, N. Y.	303 Broadway.
Wood, Sabine Wallingford,	Bangor, Me.	11 Appian Way.
Woodbridge, Francis,	Augusta, Me.	62 Trowbridge St.
Woodruff, Henry Mygatt,	Germantown, Pa.	Ware 26.
Young, David Thomas,	Cambridge,	94 Brattle St.
Zeigler, Isidore,	Huntington, W. Va.	72 Wendell St.

SUMMARY.**SUMMARY.**

SENIORS	827
JUNIORS	848
SOPHOMORES	425
FRESHMEN	899
SPECIAL STUDENTS	168
Total	1667

HARVARD COLLEGE.

ADMISSION.

I. ADMISSION OF CANDIDATES FOR THE DEGREE OF BACHELOR OF ARTS.

Methods of Admission.

Candidates may be admitted by examination or, if they come from other colleges, without complete examination. For the latter method, see p. 207.

Examinations for admission are held in June both at Cambridge and at the places named on p. 208; in September at Cambridge only. For the regulations concerning division of the examination between two years or between June and September of the same year, see pp. 208, 204. For the hours set for examinations, see pp. 209, 210.

Testimonials.

Every candidate for admission is required to furnish a testimonial of honorable dismissal from the school or college which he has attended, or from the tutor with whom he has studied. He must also refer to two persons, preferably his teachers or employers, from whom information about him may be obtained. Testimonials may be presented at the time of the Final Examination; references should be sent to the Secretary a month earlier. When a candidate has been in regular attendance at a school or academy during the year preceding his Final Examination, a testimonial from a private tutor will not in itself be sufficient.

Certificates.

A certificate of preparation is required of every candidate for a Preliminary Examination. There is a prescribed form for this certificate; see p. 204. No certificate of preparation is required of a candidate for Final Examination, or of one who postpones part of his examination from June to September in the same year.

Notice Required.

Candidates who wish to be examined in any place other than Cambridge, are required to give notice to the Secretary. The notice must be in the Secretary's hands not later than June 10. Candidates who intend to take any of the examinations of the first day must mention this intention in the notice.

Fees.

No fee is charged for examination in Cambridge.

A fee of five dollars must be paid *in advance* by every candidate who is examined at any place other than Cambridge. The whole fee of a candidate who purposes to divide his examination is to be paid before his first examination: it should be sent by check, post-office order, or registered letter, to CHARLES F. MASON, Bursar, Cambridge, Mass., and should be in the Bursar's hands not later than June 10.

Persons who do not intend to enter College will be admitted to the examinations at other places than Cambridge on payment of a fee of five dollars; and, if successful, will receive certificates to that effect.

Elementary and Advanced Studies.

The examinations for admission embrace two classes of studies, *Elementary* and *Advanced*.

The elementary studies are not treated as equivalent; Greek, Latin, and Mathematics are most important.

The advanced studies are regarded as occupying equal amounts of time in school, and are of equal importance in the examinations. Each of the advanced studies is taught in College in an elective course (or two half-courses) occupying three hours a week for a year;* and the standard of the entrance examinations is the same as that of the corresponding College courses.

Requirements for Admission to the Freshman Class.

A candidate may satisfy the requirements for admission by passing examinations in —

- (a) All the elementary studies, and at least two advanced studies.
- (b) All the elementary studies except either German or French, and at least THREE advanced studies.
- (c) All the elementary studies except either Greek or Latin, and at least FOUR advanced studies, including 6 and either 7 or 8 or 9.
- (d) All the elementary studies except either Greek or Latin and either German or French, and at least FIVE advanced studies, including 6 and either 7 or 8 or 9.

* Advanced Greek corresponds to Greek *A*, Advanced Latin to Latin *A*, Greek Composition to Greek *F*, Latin Composition to Latin *F*, Advanced German to German *C*, 1a, or 1b, Advanced French to French 1a, or 1b, Logarithms and Plane Trigonometry to Math. *A*, Solid Geometry to Math. *E*, Analytic Geometry to Math. *B*, Advanced Algebra to Math. *D* (advanced section), Advanced Physics to Physics *C*, and Chemistry to Chemistry *B* (full course). Elementary German, French, and Physical Science (2), correspond to German *A*, French *A*, and Physics *B*, respectively.

Deficiencies.

A candidate may be admitted in spite of deficiencies in some of the studies required; but no candidate so admitted will be advanced to the Junior Class until he has made good such deficiencies to the satisfaction of the Faculty. The exact number of deficiencies with which a candidate may be admitted cannot be named in advance, since each case is considered on its merits.

Failures.

No candidate rejected in June will be reexamined in September of the same year, unless he has passed examinations (whether Preliminary, or Final, or both), occupying at least six hours. A candidate rejected in June and reexamined in September must be reexamined in all the studies in which he was examined in June; but if he has a Preliminary certificate it will still hold good.

Elementary Studies.

1. *English*.—In 1895 and thereafter English may be offered either as a Preliminary or as a Final subject (see p. 204). After 1895 the examination in English will occupy two hours.

The candidate will be required to write a short composition on one of several subjects announced at the time of the examination, and also to correct specimens of bad English. In 1895 the subjects for the compositions will be drawn from one or more of the following works:—

Shakspeare's *Merchant of Venice* and *Twelfth Night*, Milton's *L'Allegro*, *Il Penseroso*, *Comus*, and *Lycidas*, Longfellow's *Evangeline*, the *Sir Roger de Coverley Papers* in the *Spectator*, Macaulay's *Essays on Milton* and *Addison*, Webster's first *Bunker Hill Oration*, Irving's *Sketch Book*, Scott's *Abbot*.

After 1895 the examination will consist of two parts, which, however, cannot be taken separately:—

I. The candidate will be required to write a paragraph or two on each of several topics chosen by him from a considerable number—perhaps ten or fifteen—set before him on the examination paper. In 1896 the topics will be drawn from the following works:—

Shakspeare's *Midsummer Night's Dream*; Defoe's *History of the Plague in London*; Irving's *Tales of a Traveller*; Scott's *Woodstock*; Macaulay's *Essay on Milton*; Longfellow's *Evangeline*; George Eliot's *Silas Marner*.

The candidate is expected to read intelligently *all* the books prescribed. He should read them as he reads other books; he is expected, not to know them minutely, but to have freshly in mind their most important

parts. In every case the examiner will regard knowledge of the book as less important than ability to write English.

As additional evidence of preparation, the candidate may present an exercise book, properly certified by his instructor, containing compositions or other written work.

The works prescribed for this part of the examination in 1897 and 1898 are as follows:—

In 1897: Shakspeare's *As You Like It*; Defoe's *History of the Plague in London*; Irving's *Tales of a Traveller*; Hawthorne's *Twice Told Tales*; Longfellow's *Evangeline*; George Eliot's *Silas Marner*.

In 1898: Milton's *Paradise Lost*, Books I and II; Pope's *Iliad*, Books I and XXII; The Sir Roger de Coverley Papers in the *Spectator*; Goldsmith's *Vicar of Wakefield*; Coleridge's *Ancient Mariner*; Southey's *Life of Nelson*; Carlyle's *Essay on Burns*; Lowell's *Vision of Sir Launfal*; Hawthorne's *House of the Seven Gables*.

II. A certain number of books will be prescribed for careful study. This part of the examination will be upon subject-matter, literary form, and logical structure, and will also test the candidate's ability to express his knowledge with clearness and accuracy.

The books prescribed for this part of the examination are:

In 1896: Shakspeare's *Merchant of Venice*; Milton's *L'Allegro*, *Il Penseroso*, *Comus*, and *Lycidas*; Webster's *First Bunker Hill Oration*.

In 1897: Shakspeare's *Merchant of Venice*; Burke's *Speech on Conciliation with America*; Scott's *Marmion*; Macaulay's *Life of Samuel Johnson*.

In 1898: Shakspeare's *Macbeth*; Burke's *Speech on Conciliation with America*; De Quincey's *Flight of a Tartar Tribe*; Tennyson's *Princess*.

No candidate will be accepted in English whose work is seriously defective in point of spelling, punctuation, grammar, or division into paragraphs.

In connection with the reading and study of the prescribed books, parallel or subsidiary reading should be encouraged, and a considerable amount of English poetry should be committed to memory. The essentials of English grammar should not be neglected in preparatory study.

The English written by a candidate in any of his examination-books may be regarded as part of his examination in English, in case the evidence afforded by the examination-book in English is insufficient.

☞ After 1895 there will be no examination in the correction of bad English.

The attention of candidates who have passed in English at the Preliminary Examination is called to the subject of optional examinations for the Anticipation of College Studies (on p. 205).

2. *Greek*. — The translation at sight of simple Attic prose (with questions on the usual forms and ordinary constructions of the language).

3. *Latin*. — The translation at sight of simple prose (with questions as in Greek).

The passages set for translation must be rendered into simple and idiomatic English. Teachers are requested to insist on the use of good English as an essential part of the candidate's training in translation.

In Latin the following pronunciation is recommended: — *ā* as in *father*, *a* the same sound but shorter; *ē* like *ē* in *fête*, *ē* as in *set*; *ī* as in *machine*, *ī* as in *sit*; *ō* as in *hole*, *ō* as in *nor*; *ū* as in *rude*, *ū* as in *put*; *j* like *y* in *year*, *c* and *g* like Greek *κ* and *γ*.

Instructors are requested to teach their pupils in pronouncing Greek to use the *Greek accents*, and to give (for example) *α* the sound of *a* in *father*, *η* that of *a* in *faite*, *ι* that of *i* in *machine*, etc.

It is further recommended that pupils be accustomed, from the beginning of the preparatory course in Greek and Latin, to translate into those languages, both orally and in writing, passages prepared by the teacher on the basis of the prose authors read.

4. *German*. — The translation at sight of simple prose.

5. *French*. — The translation at sight of ordinary prose.

The passages set for translation in 4 and 5 will be similar to those set at the final examinations in German *A* and French *A* respectively, — College courses, each having three hours of instruction a week through the year. The passages set for translation must be rendered into simple and idiomatic English. A knowledge of the language itself, rather than of the grammar, is expected; but proficiency in elementary grammar or facility in writing the language will be accepted as an offset to some deficiency in translation. It is recommended that from the outset attention be given to pronunciation. Wherever possible, care should be taken, during the whole course of preparation, to accustom the pupil to hear and understand spoken German and French.

6. *History (including Historical Geography)*. — Either (1) History of Greece and Rome; or (2) History of the United States and of England.

The following works will serve to indicate the amount of knowledge demanded in History: Oman's History of Greece; Allen's History of the Roman People (the whole), or Leighton's History of Rome (to the death of Commodus); Higginson's Young Folks' History of the United States (to the end of Chapter XXI.), and Johnston's History of the United States for Schools (beginning at § 269); Guest and Underwood's Handbook of English History (to the year 1798), or Gardiner's Student's History of England through Part IX.

The following selections are recommended for additional reading and will be made the basis of optional questions in the examinations : * —

For Greek History : Curtius's *History of Greece*, Book I. Ch. I., Book II. Ch. IV., and Book III. Ch. III.

For Roman History : Beesly's *The Gracchi, Marius, and Sulla*; Tighe's *Development of the Roman Constitution*.

For American History : Lodge's *English Colonies*, Chapters II. and XXII.; Morse's *John Quincy Adams*, Chapters II. and III.; Josiah Quincy's *Figures of the Past*.

For English History : Macaulay's *History of England*, Chapters I. and III.

7. *Mathematics*. — (a) Algebra, through Quadratic Equations. (The requirement in Algebra embraces the following subjects : factors, common divisors and multiples, fractions, ratios and proportions; negative quantities and the interpretation of negative results; the doctrine of exponents; radicals and equations involving radicals; the binomial theorem for positive integral exponents and the extraction of roots; putting questions into equations, and the reduction of equations; the ordinary methods of elimination, and the solution of both numerical and literal equations of the first and second degrees, with one or more unknown quantities, and of problems leading to such equations.) (b) Plane Geometry.

8. *Physical Science*. — Either (1) Astronomy (Young's *Lessons in Astronomy*, Ginn & Co., omitting the appendix) and Physics (Avery's *Elements of Natural Philosophy*,† or Gage's *Elements of Physics*); or (2) a course of experiments not less than forty in number performed at school by the pupil. These must be selected from a list issued by the University under the title *A Descriptive List of Elementary Physical Experiments*, or must be approved by the Department of Physics as the equivalent of those contained in this list.

The Faculty requests all teachers who can command the necessary apparatus to present their pupils in (2) rather than in (1). (For the character of the examination in (2) see the note under Advanced Studies 8 and 9.)

Advanced Studies.‡

The half-courses designated by the letters (a) and (b) in the studies numbered 3, 6, and 7 may be combined at the option of the candidate; and any two of them will be accepted (subject to the conditions stated on page 196, paragraphs c and d) as the equivalent of one whole study.

* Candidates who take the questions on the Selections will be allowed to omit some of the questions on the corresponding Manual.

† The following portions of the 1885 edition may be omitted : — sections I. and II. of chap. I. (excepting arts. 23-30), arts. 254-267, 346-349, 371, 411-415, 445-455, 464-467, 470-476, 707-714, 729-745, and the whole Appendix.

‡ See foot-note on p. 196.

1. *Greek*. — The translation at sight of average passages from Homer or the translation at sight of less difficult passages from both Homer and Herodotus (with questions on the usual forms and ordinary constructions of the language and on prosody).

2. *Latin*. — The translation at sight of average passages from Cicero and Virgil (with questions as in Greek).

3. *Greek and Latin Composition*. — (a) The translation into Attic prose of a passage of connected narrative. (b) The translation into Latin of a similar passage.

In preparing for this subject, it is strongly urged that from an early stage pupils be accustomed to translate into Greek and Latin not merely detached sentences illustrative of constructions, but also passages of connected narrative prepared by the teacher on the basis of the prose authors read. The passages set at the examination will be of this character. Examples of the kind of exercise recommended may be found in the following books: The Beginner's Greek Composition, by Collar and Daniell (Boston: Ginn & Co.); Allinson's Greek Prose Composition (Boston: Allyn & Bacon); Woodruff's Exercises in Greek Prose Composition (Boston: Leach, Shewell, & Sanborn); Collar's Practical Latin Composition (Boston: Ginn & Co.); Daniell's Exercises in Latin Composition (Boston: Leach, Shewell, & Sanborn).

4. *German*. — Translation at sight of modern German prose. — Grammar. — Composition based upon the following books: Riehl (Der Fluch der Schönheit). — Freytag (Aus dem Staat Friedrichs des Grossen). — Heine (Die Harzreise). — Goethe (the first three books of Dichtung und Wahrheit). — Lessing (Minna von Barnhelm). — Schiller (Wilhelm Tell and Das Lied von der Glocke). — Thirty pages of lyrics and ballads.

5. *French*. — Candidates in 1895 may offer themselves in either method (a) or method (b). Beginning with the examinations of 1896 the prescribed books will be those mentioned in (b).

(a) Translation at sight of standard French prose. — Grammar. — Composition based upon the following books: George Sand (Marianne). — Sandeau (Mlle. de la Seiglière, the play). — Scribe et Legouvé (Bataille de Dames). — Henri Gréville (Dosia). — La Fontaine (Fables, Books 1 and 2). — Molière (L'Avare). — Racine (Andromaque). — Corneille (Horace).

(b) Translation at sight of standard French prose. — Grammar. — Composition based upon the following books: Daudet (La Dernière Classe — Le Siège de Berlin). — Henri Martin (Jeanne D'Arc, Heath & Co., Boston). — Mérimée (Colomba). — Sandeau (Mlle. de la Seiglière, the play). — Corneille, Racine, Molière (one play by each author).

In advanced German and French, translation at sight will form an important part of the examination. Candidates will be expected to be familiar with the subject-matter as well as the language of the prescribed books. Some of the books may be changed from time to time, but with not less than two years' notice. The passages set for translation into German or French will be suited to the proficiency of those who have begun to study the language in College and have had instruction in it three hours a week for two years.

6. *Mathematics*. — (a) Logarithms*; Plane Trigonometry, with its applications to Surveying and Navigation. (b) Solid Geometry (or the Elements of Analytic Geometry, if not offered in 7).

7. *Mathematics*. — (a) The Elements of Analytic Geometry (or Solid Geometry if not offered in 6). (b) Advanced Algebra.

The following books will serve to indicate the nature and amount of the requirements in Logarithms and Trigonometry, Solid Geometry, Analytic Geometry, and Advanced Algebra.

Logarithms and Trigonometry. Wheeler's Logarithms (Cambridge: Sever) or the unbracketed portions of Peirce's Elements of Logarithms (Boston: Ginn & Co.). Wheeler's Plane Trigonometry (same publishers). Problems in Plane Trigonometry (Cambridge: Sever). Peirce's Mathematical Tables, chiefly to four places (Boston: Ginn & Co.).*

Solid Geometry. Chauvenet's Geometry, Revised and Abridged (Philadelphia: J. B. Lippincott & Co.), Books VI., VII., VIII., and IX.

Analytic Geometry. Briggs's Analytic Geometry (New York: Wiley & Co.).

Advanced Algebra. Wentworth's College Algebra (Boston: Ginn & Co.), to article 498, omitting Chapters XIX., XX., XXIV., XXV., XXVII., XXVIII. The examination will be mainly occupied with the portions of Algebra, as thus defined, which are not included in the elementary requirement in Algebra; but elementary questions will not necessarily be excluded.

8. *Physical Science*. — Physics. A course of at least sixty experiments in addition to those of Elementary Physics (2), selected from the same or similar manuals, and covering the same subjects, but demanding more skill and more knowledge of physical theories and laws.

9. *Physical Science*. — Chemistry. A course of at least sixty experiments in General Chemistry actually performed at school by the pupil.

In Elementary Physics (2), in Advanced Physics, and in Chemistry, the candidate will be required to pass both a written and a laboratory

* Candidates are required to use at the examinations the four place tables provided by the University.

examination. The written examination will test his knowledge of experiments and experimenting as well as his knowledge of principles and results. The laboratory examination will test his skill in experimenting. The candidate will be required to hand in the original note-book in which he recorded the steps and results of the experiments which he performed at school; and this note-book must bear the endorsement of his teacher, certifying that the notes are a true record of the pupil's work. The note-book in Physics should contain an index of the exercises which it describes.

A candidate who offers Elementary or Advanced Physics or Chemistry will hand in his laboratory note-book at *the hour of the written examination*. Laboratory note-books will be deposited, after examination, in the Secretary's office, where they will be kept for a reasonable time, subject to the order of the owners.

A candidate examined in June at any place where a laboratory examination is not provided will be required to take such an examination in Cambridge in the autumn, on the day and at the place named below (p. 210); but if he passes the written examination in June and presents a satisfactory note-book, the subject will be counted in his favor in determining the question of his admission to College. Similarly a Preliminary candidate is allowed to postpone his laboratory examination until September of the year in which he enters College.

Most pupils will need lectures or other oral explanations in addition to the descriptions given in the laboratory manuals. When it is impossible to provide lectures, two text-books treating the subject from different points of view will be advantageous.

Descriptive lists of experiments which will meet the requirements in Physics and Chemistry may be procured of the Harvard Coöperative Society, or of CHARLES W. SEVER, Bookseller, Harvard Square, Cambridge.

EXAMINATION PAPERS.

A set of recent examination papers will be sent free to any address, on application to the Publication Agent of the University, in University Hall, 2. Separate papers may be had by the *dozen* (or more) copies of any *one* paper, at ten cents a dozen.

Division of the Examination.

A candidate for admission may take the entire examination at one time; or he may divide it, under conditions named below (1) between two years, or (2) between June and September of the same year. In the former case he is known as a "Preliminary Candidate"; in the latter as a "Postponer." Teachers and candidates should carefully distinguish between the words "Preliminary" and "Postponing" as used at exam-

inations for admission, since a careless use of one of these words for the other leads to serious misunderstanding. A Preliminary Examination is always taken a year before the Final Examination. Postponing candidates, whether in September or in June, are taking Final Examinations.

If a study consists of two parts, designated by the letters (a) and (b), the examinations in those parts may be taken separately by a candidate who divides his examinations for admission either between two years or between June and September of the same year. No other study may be divided.

1. PRELIMINARY EXAMINATION.

A candidate may pass a Preliminary Examination in some of the studies, and be examined in the remaining studies in some subsequent year. For the Preliminary Examination the candidate must present himself *in June*, having previously sent in a certificate of preparation; see below. No one will be examined in September without special permission from the Dean.

A Preliminary certificate will be granted to any candidate who passes the examination in studies occupying five hours on the examination programme.

Candidates may offer themselves for the Preliminary Examination in any studies, elementary or advanced, *in which their teachers certify that they are prepared, and in no others.*

CERTIFICATES OF PREPARATION.

The certificate of preparation for Preliminary candidates must be in the following form:—

"..... has been my pupil for years, and is, in my judgment, prepared to pass the Harvard Preliminary Examinations in the following studies:— . . .
Name of Teacher:..... Name of School:..... Address:....."

When a candidate has been in regular attendance at a school or academy during the year preceding his Preliminary Examination, his certificate must be signed by the principal of that school or academy.

The certificates of candidates to be examined in Cambridge must be in the hands of the Secretary on or before June 21; those of candidates to be examined elsewhere, on or before June 14.

2. POSTPONING.

A candidate who presents himself in June intending to pass the whole examination in the same year may postpone until September any studies occupying not more than six hours on the examination programme.* For this purpose English counts as one hour; after 1895 it will count as two hours. A postponing candidate will not be examined in September in any subject in which he has failed in June, and he may not even be allowed to take

* Advanced (not Elementary) Physics and Chemistry are each to be counted as two hours.

examinations in September if his record in June seems to warrant the belief that he is not prepared to enter College that year. Candidates who divide the examination between June and September of the same year must register in June not as *Preliminary* but as *Final* candidates. In September they must present themselves at 8 A.M. on the *first day* of the Examinations, Thursday, September 19 (see p. 209).

Optional Examinations. Anticipation of College Studies.

In addition to the examinations required for admission to College, optional examinations are provided for such candidates as have extended their studies beyond the requirements.

I. A candidate may present himself for examination in any of the Advanced Studies not offered by him for admission, and thus qualify himself to pursue more advanced courses in those subjects in College.

II. A candidate may present himself for additional examination in one or more of the following studies: (a) the prescribed courses of the Freshman year (see p. 206); (b) any elective courses intended primarily for undergraduates, provided the courses are of such a character that they may properly be anticipated by examination, (see p. 207).

The examinations in prescribed Freshman studies and in those elective studies which correspond to "Advanced Studies" (see the foot-note on page 196), may be taken either in June or in September, or partly in June and partly in September; but a candidate who fails to pass in any study in June will not be examined in that study again in September.

The examinations in *other elective* studies are held in the *autumn only*. Written notice of the intention to take these examinations must be in the hands of the Secretary not later than *September 10*.

For the times and the places of examination, see pp. 208, 209.

USES OF OPTIONAL EXAMINATIONS.

A student who has anticipated any of the studies of the Freshman year by means of the optional examinations may substitute in place thereof any elective courses which he is qualified to pursue.

Studies anticipated may be counted toward the degree in the manner herein provided:—

(1) If the studies anticipated amount to one half of the work of the Freshman year, the student may, upon application, be admitted to the Sophomore class, subject to the condition of making up the deficiency in his Freshman studies, in accordance with the rules of the Faculty.

(2) In any case, the studies anticipated shall be placed to the student's credit, and may be used towards satisfying the requirements for the degree of Bachelor of Arts, in either of the following ways:—

(a) The student may obtain leave from the Faculty to fulfil the requirements for the degree in three years by taking additional elective studies under the rules of the Faculty.

(b) The number of courses regularly required in the Senior year, or in the Senior and Junior years, may be reduced by the amount of the studies anticipated. Permission to make such reduction will be granted, however, only for the purpose of enabling the student to devote time thus gained to his remaining studies, or to studies in a professional school.

Applications under (a) and (b) will not ordinarily be acted upon until the close of the student's first year; and the decision upon them will depend upon the quality of the student's record both in his examination for admission, and in his college work.

Prescribed Studies of the Freshman Year.

Applicants for advanced standing (see below) and candidates anticipating Freshman studies are examined in the following studies, which correspond to the prescribed studies of the Freshman year. For the times set for these examinations, see p. 210.

For elective studies, see p. 210.

1. **ENGLISH.** — *Composition*: Hill's Principles of Rhetoric; Practice in writing. — *Literature*: Swift's Battle of the Books and Gulliver's Travels; Defoe's Robinson Crusoe (Part I); The Sir Roger de Coverley Papers in the Spectator; Pope's Rape of the Lock, Epistle to Arbuthnot, and Iliad I, VI, XXII; The lives of Swift, Defoe, and Pope in the English Men of Letters Series; Thackeray's English Humourists and Henry Esmond.*

2. **GERMAN or FRENCH** (whichever the student did not offer at the examination for admission. See Elementary Studies 4 and 5, page 199).

Admission to Advanced Standing.

Students may be admitted to advanced standing either (I.) by examination, or (II.) from other colleges without complete examination.

I. BY EXAMINATION. A candidate may be admitted to the Sophomore, Junior, or Senior Class, if he appear on examination to be versed in the following studies:—

1. The studies required for admission to the Freshman Class (pp. 196–202).

2. All the prescribed studies already pursued by the class for which he offers himself, and as many elective studies as he would have pursued if he had entered at the beginning of the course (see pp. 212, 213).

* Elective courses in English are open, on the same terms as to Sophomores, to students who have anticipated the prescribed English of the Freshman year.

Examinations for advanced standing are held in such courses only as are intended primarily for undergraduates; and, among these, in such only as may reasonably be anticipated by examination. No laboratory course, no course in composition or discussion, and no other course in which an examination is obviously an inadequate test may be offered for admission to advanced standing.

A candidate may be admitted in spite of deficiencies in some of these studies; but no candidate so admitted is recommended for the degree till he has made good his deficiencies to the satisfaction of the Faculty.

Candidates for admission to advanced standing may divide the examination between June and September; but a candidate who fails in any subject in June will not be examined again in that subject in September.

For the times and the places of examinations, see pp. 208-210.

The Secretary must receive, not later than *September 10*, a written notice specifying the elective course or courses in which the candidate wishes to be examined.

II. WITHOUT COMPLETE EXAMINATION. Graduates of other colleges, and students from the higher classes of other colleges, may be admitted without examination, and assigned to those classes for which their previous training seems to qualify them. Every case is decided on its own merits; but students from other colleges are not admitted *ad eundem* without examination.

Applications are acted on promptly, at any season of the year. Every person wishing to enter Harvard College under this provision must make a complete written statement of the work on which he bases his application. In this he should state how old he is; at what school or schools he received his preparatory training; how long he attended each school; what he studied; how much time he gave to each of the more important studies; and how far he advanced in each before he entered college.

Blank forms of application for admission to advanced standing may be obtained from the Secretary of the University, No. 5 University Hall, Cambridge.

Much importance is attached to the quality of the work offered. The applicant is expected to furnish official statements of his rank or grade in his various college studies; and letters, or other evidence, showing the opinion his instructors have formed of his character and scholarship.

Candidates from other colleges may be admitted to Harvard College in spite of some deficiencies in their work, on condition that they shall make good these deficiencies before receiving the degree. Deficiency in one direction may be offset by unusual attainments in another.

Times and Places of Examination.**EXAMINATION FOR ADMISSION TO THE FRESHMAN CLASS.**

Two regular examinations for admission to the *Freshman Class* are held each year, — one at the beginning of the summer vacation, and the other before the beginning of the academic year in the autumn.

First Examination.

In 1895, the *first examination* will be held on Tuesday, Thursday, Friday, and Saturday, June 25, 27, 28, and 29.

Candidates who wish to take any of the examinations held on the first day must assemble punctually at 8.30 A.M. on that day. All other candidates must present themselves punctually at 8 A.M. on the second day.

The examinations will be held in the following places: — in *Cambridge*, in Sever Hall; in *Quincy*, in the rooms of the Adams Academy; in *Andover*, in the rooms of the Phillips Academy; in *Groton*, in the rooms of the Groton School; in *Southborough*, in the rooms of St. Mark's School; in *Worcester*, in Curtis Hall, the Young Men's Christian Association building, Elm Street; in *Exeter, N. H.*, in the rooms of Phillips Exeter Academy; in *Concord, N. H.*, in the rooms of St. Paul's School; in *Portland, Me.*, in the rooms of the Portland High School; in *Lakeville, Conn.*, in the rooms of the Hotchkiss School; in *New York, N. Y.*, in the lecture-room of the Young Men's Christian Association, Twenty-third Street, corner of Fourth Avenue; in *Albany, N. Y.*, in the rooms of the Young Men's Christian Association; in *Buffalo, N. Y.*, in the High School building, corner of Court and Franklin Streets; in *Philadelphia, Pa.*, in the rooms of the Young Men's Christian Association Building, corner of Fifteenth and Chestnut Streets; in *Washington, D. C.*, in the rooms of the Young Men's Christian Association; in *Cleveland, O.*, in the Central High School building; in *Cincinnati, O.*, in the rooms of the Law School, College Building, Walnut Street; in *Chicago, Ill.*, in the rooms of the Chicago Athenaeum, VanBuren Street; in *Minneapolis, Minn.*, in the Lecture-room of the Public Library building; in *St. Louis, Mo.*, in the Board of Education building, corner of Ninth and Locust Streets; in *Omaha, Neb.*; in *Denver, Col.*, in the rooms of the Denver High School (District No. 1), corner of Nineteenth and Stout Streets; in *San Francisco, Cal.*, in the rooms of the Mechanics' Institute, 31 Post Street; in *Belmont, Cal.*, in the rooms of the Belmont School; in *Portland, Oregon*; in *Bonn, Germany*, at the Hotel Kley.

The College will ordinarily conduct the admission examinations in June in any school or city where the number of candidates for examination, Preliminary or Final, shall be not less than ten; provided that the school

or city be not within easy reach of one of the regular places of examination. Applications for examinations in June, in schools or cities not named above, should be made to the Secretary of Harvard University as early as the 1st of April.

Notice Required.

For the notice and the fees required of candidates examined in any place other than Cambridge, see p. 195, 196.

Second Examination.

The *second examination* will be held in *Cambridge only*, on Thursday, Friday, Saturday, and Monday, September 19, 20, 21, and 28.

All candidates must present themselves punctually at 8 A.M. on the *first* day of the examination.

ORDER OF EXAMINATIONS.

Tuesday, June 25.

- 8½ A.M. Candidates offering Advanced Chemistry, Advanced Physics, Advanced Algebra, or Analytic Geometry meet the officer in charge of the examinations.
- 9-10. Advanced Chemistry (written examination).
 10½-11½. Advanced Physics (written examination).
 11½-12½. Advanced Algebra.
 12½-1. Analytic Geometry.

Thursday, June 27, and Thursday, September 19.

- 8 A.M. Candidates meet the officer in charge of the examinations.
- 9-11. Elementary Latin. 2½-3½. Latin Composition.
 11½-1½. Elementary Greek. 4-6. Advanced Latin.

Friday, June 28, and Friday, September 20.

- 8-9. Elementary Physics. 1½-2½. English.
 9½-10½. Plane Geometry. 3-4. Greek Composition.
 10½-11½. Algebra. 4-6. Advanced Greek.
 11½-12½. History.

Saturday, June 29, and Saturday, September 21.

- 8-10. Advanced French. 1½-2½. Elem. French (French A).
 10½-11½. Log. and Trigonometry. 2½-3½. Elem. German (Germ. A).
 11½-12½. Solid Geometry. 3½-5½. Advanced German.

Monday, September 23.

- 8½ A.M. Candidates offering Advanced Chemistry, Advanced Physics, Advanced Algebra, or Analytic Geometry meet the officer in charge of the examinations.
- 9-10 A.M. Advanced Chemistry (written examination).
- 10½-11½. Advanced Physics (written examination).
- 11½-12½. Advanced Algebra.
- 12½-1½. Analytic Geometry.

LABORATORY EXAMINATIONS.

The stated time for the laboratory examination in Elementary Experimental Physics is Thursday, Friday, and Saturday of the examination periods; in Advanced Physics and Chemistry, Tuesday of the June period and Monday of the September period. On these days the examinations are held in Cambridge only, and appointments for them will be made when the candidates meet the officer in charge of the examinations.

In June, classes from schools near Cambridge may, by special arrangement, take the laboratory examinations in Physics and Chemistry on earlier days.

Laboratory examinations in Physics and Chemistry, but only for those who have previously passed the written examination and received a provisional mark (see p. 208), will be held as follows: Elementary and Advanced Physics on Wednesday, September 25, at 2 P.M. in the Jefferson Physical Laboratory (these examinations, however, may, if desired, be taken at the stated times as given above): Advanced Chemistry on Thursday, September 26, at 2 P.M. in Boylston Hall.

EXAMINATIONS IN THE PRESCRIBED STUDIES OF THE FRESHMAN YEAR.

In 1895, the first examination in English *A* will be held in accordance with the programme given below. This examination is held in Cambridge only.

Tuesday, June 25, and Monday, September 23.

- 2.45 P.M. Applicants assemble in 85 Sever Hall.
- 3-5. English *A*.

The examinations in French *A* and German *A* correspond to the admission examinations in Elementary French and German (see p. 199), and will be held on Saturday, June 29, and Saturday, September 21.

EXAMINATIONS IN ELECTIVE STUDIES.

Examinations in elective studies that are not equivalent to advanced admission studies are held only in the first fortnight of the Academic year and only in Cambridge. Written notice of intention to take these examinations must be in the hands of the Secretary not later than September

10. The examinations in such elective studies as correspond to advanced admission studies (see foot-note on page 196) are identical with the examinations in the latter, and must be taken at the same times and places.

II. ADMISSION OF SPECIAL STUDENTS.

The courses of study in Harvard College are open to persons who give satisfactory evidence of their fitness to pursue the particular courses they elect, although they have not passed the usual examinations for admission to College. These students are known as Special Students; they are members of the College from the time of their admission, but are not candidates for the degree of Bachelor of Arts.

Candidates for admission to the College as Special Students will be furnished by the Secretary (No. 5, University Hall) with blank forms of application, which should be duly filled and returned to the Secretary. Candidates are advised to send in their applications before the middle of July. Such applications will be acted upon promptly, after the receipt of all necessary papers; and the decision of the committee will be made known to the candidate at once. Applications will be received later in vacation; but equally prompt action upon them cannot always be secured.

Special Students are subject to all the regulations of the College: their names are entered upon the annual rank-lists, and these lists are sent to their parents or guardians; and they are allowed to compete for Honors on the same terms as undergraduates.

The Faculty may deprive any Special Student of his privileges at any time, if he abuse or fail to use them.

For further information about Special Students, see p. 214.

REGISTRATION.

Every student is required to present himself for registration, at a place announced on the bulletin boards, on Thursday, the first day of the academic year, between the hours of 9 A.M. and 1 P.M., and not later than 12 o'clock noon on the first week day after the Christmas recess and after the April recess. He is further required to enroll himself at the first exercise in each of his studies, prescribed and elective; or, in case he has obtained leave to change his studies, at the first exercise after his admission to the new course.

Special Students whose applications have been approved by the committee, will present themselves for registration on Thursday, the first day of the academic year, at an hour and a place announced on the official bulletin-board in University Hall.

COLLEGE STUDIES.

STUDIES OF UNDERGRADUATES.

FRESHMAN YEAR.

PRESCRIBED STUDIES.

Rhetoric and English Composition. (English *A*.) *Three times a week.*

German or French (German *A* or *B*, or French *A*); prescribed for those only who have not presented both German and French for admission. *Three times a week.*

ELECTIVE STUDIES.

In addition to the prescribed studies named above, every Freshman for whom German or French is prescribed is required to take elective studies amounting to *three full courses*; and every other Freshman is required to take elective studies amounting to four full courses. No Freshman may elect more than two courses in the same department except by special permission of the Dean.

The following elective courses are regularly open to such Freshmen as are qualified to take them:—

Greek *A, B, C, D, E* (half-course), *F* (half-course).

Latin *A, B, C, D, E* (half-course), *F* (half-course).

English 28 (half-course).

German *B*, equivalent to German *A* and a half-course of elective work,

C, 1a, 1b, 1c, E (half-course), *F* (half-course), 2, 3, 4.

French *1a, 1b, 1c, 2, 3* (half-course), 14 (half-course).

Italian 1, or Spanish 1.

History 1.

Government and Law 1 (half-course).

Fine Arts 1.

Music 1.

Mathematics *A* (half-course), *B* (half-course), *C, D* (half-course),
E (half-course), *F*.

Engineering 3a, 4a.

Physics *B* (half-course), 1, *C*.

Chemistry *B* (whole or half-course), 1, 2.


Botany 1 (half-course).

Zoölogy 1 (half-course).

Geology 4 (whole or half-course), 1 (half-course), 2 (half-course).

Higher courses in the studies named above and courses in other departments are open to such Freshmen as obtain written permission from the instructors.

No study presented in satisfaction of the requirements for admission may be counted as College work. A student who has failed at his admission examinations in any study taught in College, may make good the deficiency either by taking the corresponding course as an *additional study* (see below), or by merely passing the mid-year and final examinations in the course, provided that in the latter case he give notice of his intention one month in advance. (In laboratory courses, however, the second plan is impracticable.)

 Admission conditions must be removed before the beginning of the Junior year.

ADVISERS.

The Freshman class is placed under the special charge of a Committee of the Faculty, each member of which acts as adviser to a certain portion of the class. *Every Freshman is required to submit his choice of studies to his adviser at or before the beginning of the year; and his work is to be carried on under the supervision of that officer. He may consult his adviser upon any topic relating to his college life.*

SOPHOMORE, JUNIOR, AND SENIOR YEARS.

The prescribed work of the Sophomore and Junior years consists of Themes and Forensics* (English *B* and *C*). No studies are prescribed for the Senior year.

Every Sophomore, Junior, and Senior is required to take *four elective courses*: he may take an equivalent amount of courses and half-courses; but, without permission from the Dean, he shall not take less than the equivalent of three half-courses, during either half-year. The choice in all cases must be made in accordance with the directions given below (p. 216).

ADDITIONAL STUDIES.

A student whose record of work performed is complete at the beginning of any year may take elective studies in excess of the amount required (see above), to the extent of one course in his Freshman year, and of two courses in any subsequent year. In each of the studies pursued under this provision the student assumes the same responsibility, and is entitled to the same privileges, as if his work were limited to the required amount.

* For Forensics candidates for *Final or Second-Year Honors* may substitute Theses in their special departments, provided such substitution be approved by the Instructors in those departments, and by the Instructor in Forensics; but no thesis that forms part of the work in any of the student's regular courses shall be so substituted.

He may, however, at any time withdraw from any study which he is pursuing in excess of the required amount, by giving written notice to the Recorder.

A student whose record is deficient at the beginning of any year, is expected to pursue during that year such studies, in addition to those otherwise required, as may be necessary to make up the deficiency in accordance with the Regulations; and these additional studies will be treated in all respects as part of his regular work. With the consent of the Dean, he may take additional studies beyond the amount necessary to make up his deficiency, under the conditions stated in the foregoing paragraph.

A student wishing to make up a deficiency in a prescribed course by passing the mid-year and final examinations in that course, must give notice of his intention to take the examinations, *before December 20.*

EXTRA STUDIES.

A student who wishes, without assuming all the responsibilities of a regular study, to attend the instruction in any course, may do so on obtaining leave of the Instructor; but no record will be kept of his attendance, and he will receive no credit in the course.

STUDIES OF SPECIAL STUDENTS.

Special Students are under the charge of a Committee of the Faculty; and each student is under the particular supervision of a member of the committee, who acts as his adviser. Every Special Student is required to meet his adviser before the beginning of the academic year, at a time and a place to be announced on the official bulletin boards, and to submit his choice of studies in writing for approval.

Every Special Student is required to take in one year not less than four and not more than six courses or their equivalent.

A certificate of proficiency will be given, if desired, to any Special Student who has faithfully pursued his chosen subjects throughout a year and attained therein a grade not lower than Grade *B* *.

A Special Student who has passed in twelve elective courses, and has stood above Grade *C* * in six courses (or their equivalent) without falling below Grade *C* in any course, may on application receive a certificate on Commencement Day, and be named on the Commencement Programme as a Candidate for a Certificate.

A Special Student who has taken Honors shall receive a certificate on Commencement Day, shall be named on the Commencement Programme both as a Candidate for a Certificate and as a Candidate for Honors, and shall be named in the next Annual Catalogue in the list of students to whom Honors have been awarded.

* See p. 216.

CHOICE OF COLLEGE STUDIES.

Every student is required to give notice in writing of his choice of elective studies for the year to the officer with whom he registers on Thursday, the first day of the academic year, between 9 a.m. and 1 p.m. Blank forms will be provided at the place of registration. It is important that the student should have considered fully the question of his choice of studies before the first day of the year. Changes may be made only by permission of a committee of the Faculty, to whom application must be made in writing, with a full statement of reasons.

The student's choice is limited to those studies which his previous training qualifies him to pursue; and he must observe any restrictions that may be attached to the particular courses he wishes to select. He is further required to avoid any conflict of recitation hours or of examinations between his courses.

Any choice of elective courses which calls for attendance at more than three lectures or recitations in those courses on any one day of the week must receive the written approval of the Dean (or, in the case of Special Students, the written approval of his Adviser).

No starred (*) course may be chosen without the *previous* consent of the Instructor. Application should be made, if possible, before the summer vacation.

An undergraduate who wishes to take a Graduate course is required to consult the Instructor in advance; if possible, he should do this before the summer vacation. He will be admitted to the course on the recommendation of the Instructor, which must be written on the back of the card on which he writes his list of studies.

Not more than one *Course of Research* may be taken in any year by an undergraduate.

Students are strongly urged to choose their studies with the utmost care, under the best advice, and in such a manner that their studies from first to last may form a rationally connected whole. It is believed that any plan of study, deliberately made and adhered to, will be more profitable than studies chosen from year to year, without plan, under the influence of temporary preferences.

It will be seen that students who prefer a course like that usually prescribed by American colleges may secure it by a corresponding choice of studies; while others, who have decided tastes, or think it wiser to concentrate their study on a few subjects, obtain every facility for doing so.

Undergraduates who intend to study Engineering are advised to consult the Dean of the Lawrence Scientific School with reference to the best courses for them to take in College. To those who intend to study Medicine the Medical Faculty recommends Natural History, Chemistry, Physics, French, and German. To those who intend to study Law the Law Faculty recommends Latin, French, Themes and Forensics, Elocution, Oral Discussion, Rhetoric, Logic, Ethics, Political Economy, Constitutional and Legal History and the History of Institutions, International Law, and Roman Law.

SCALES OF SCHOLARSHIP.

At the end of every academic year the standing of a student in each of his courses is expressed, according to his proficiency, by one of five grades, designated respectively by the letters *A, B, C, D, E*.

A student who has failed in a course is assigned to Grade *E*. Notice of such failure is sent by the Dean to the student's father or guardian.

In each course the names of those students who have attained Grade *A*, or Grade *B* are printed, the names for each grade being arranged in alphabetical order; and these lists are sent to the father or recognized guardian of each student. If a student has fallen below Grade *B* in any study, his grade is reported to his father or guardian.

Every student is required to satisfy the Instructor in each of his courses, in such way as the Instructor may determine, that he is performing the work of the course in a systematic manner. The Instructor will provide tests, with sufficient frequency to give effect to this regulation, and will report at once to the Dean the names of any students who have not satisfied him that they are doing their work systematically.

Any Instructor, with the approval of the Dean, may at any time exclude from his course a student who in his judgment has neglected the work of the course. Such exclusion shall be reported to the Administrative Board at its next meeting.

A student who has been excluded from one or more courses may be required to place himself under the direction of a person approved by the Dean.

DEGREE OF BACHELOR OF ARTS.

In order to be recommended for the degree of Bachelor of Arts a student must have passed in all prescribed studies and in the requisite number of elective courses. He must, moreover, have stood above Grade *D* in at least one half of all his college work, and in at least one half of the work of his Senior year.

Any student who has not complied with the requirements for a degree before the end of his college course may be recommended for a degree in a subsequent year, when he has made up all deficiencies in his record.

DEGREE WITH DISTINCTION.

A student recommended for the degree of Bachelor of Arts may be recommended either for an *ordinary* degree or for a degree *with distinction* in one of three grades.

Any member of the graduating class who has attained Grade *C* or a higher grade in *eighteen* courses or their equivalent, or who has attained Grade *C* or a higher grade in as many courses as he is required to pursue for the degree, is recommended for a degree with distinction on the following conditions :—

If he has attained Grade *A* in *fifteen* courses or their equivalent, or has received Highest Final Honors in any department, he is recommended for a degree *summa cum laude*;

If he has attained Grade *A* in *nine* courses or their equivalent, or Grade *A* or *B* in *fifteen* courses or their equivalent, or has received Final Honors in any department, he is recommended for a degree *magna cum laude*;

If he has attained Grade *A* or *B* in *nine* courses or their equivalent, or has received Honorable Mention *twice*, he is recommended for a degree *cum laude*.

The cases of members of the graduating class of very high rank who have not fulfilled the foregoing requirements are considered on their merits.

The reason for the grade of distinction in the degree is stated in the diploma.

COMMENCEMENT PARTS.

A Commencement Part is assigned to every student recommended for a degree with distinction; an oration to a candidate for a degree *summa cum laude*, a dissertation to a candidate for a degree *magna cum laude*, and a disquisition to a candidate for a degree *cum laude*. The words *oration*, *dissertation*, and *disquisition*, indicate merely the grades of distinction, and do not imply difference in the nature of the Commencement Parts.

HONORS.

SECOND-YEAR HONORS IN CLASSICS, IN HISTORY, IN MATHEMATICS, AND IN PHYSICS.

Second-Year Honors of two grades — *Honors* and *Highest Honors* — are awarded by the Faculty of Arts and Sciences, on the recommendation of special committees of examiners; and the award is printed with the annual Rank Lists and in the University Catalogue. These Honors are open to Sophomores, Juniors, and Seniors; they are open to Freshmen by special permission only.

No one may be a candidate at graduation for Final Honors (see p. 219) in Classics*, Mathematics, or Physics who has not taken Second-Year Honors in the same department; and no one may be a candidate for Honors in Sanskrit who has not taken Second-Year Honors in Classics.

Candidates for Second-Year Honors are required to register their names at the Dean's office as early as *the first day of April* of the year in which they present themselves for examination. Candidates for Second-Year Honors in Classics will designate at the same time which elective courses they intend to offer in order to make up the number required.

I. CLASSICS.

Second-Year Honors in *Classics* are awarded on two conditions: (1) distinguished excellence in classical studies amounting to *four courses*; (2) distinction in a special examination. The special examination tests

(a) The candidate's ability to translate Greek and Latin at sight. (The passages set for this purpose are taken from the following writers only: Homer, Aeschylus, Sophocles, Euripides, Aristophanes, Thucydides, Herodotus, Xenophon, Lysias, Plato, Demosthenes; Terence, Virgil, Horace, Ovid, Caesar, Cicero, Nepos, Sallust, Livy, Velleius Paterculus, Tacitus.)

(b) His ability to write Greek and Latin prose.

(c) His knowledge of Greek and Roman history, antiquities, and mythology; of Greek and Roman literary history, so far as relates to the writers named above; and of Greek and Latin Grammar.

This special examination is held near the end of the academic year.

* For an exception in the case of Classics, see p. 220.

II. HISTORY.

Second-Year Honors in *History* are awarded on three conditions:— (1) Distinguished excellence in three and one half courses in History, or in three courses in History and one in Political Economy; (2) distinction in a special examination, which shall be a test of the candidate's general acquirements in History; (3) the study of a special topic in History, upon which the candidate may be required to report in written form.

III. MATHEMATICS.

Second-Year Honors in *Mathematics* are awarded on two conditions: (1) distinguished excellence in such mathematical courses as may be approved for candidates for these honors; (2) distinction in a special examination, which may be extended to cover the whole mathematical knowledge of the candidate. The special examination is held near the end of the academic year.

The courses regularly approved for candidates for Second-Year Honors in Mathematics are:—

Courses *A* and *E*, or the corresponding admission examinations; Course *D* (*advanced section*); Course *C*; Course 2; and Course 3, Course 5, or Course 6.

Substitutions for these courses may be allowed on special petition.

IV. PHYSICS.

Second-Year Honors in *Physics* are awarded on two conditions: (1) distinguished excellence in two full elective courses in Physics and the equivalent of one other elective course either in Physics or in Mathematics;* (2) distinction in a special examination in the principles of Physics, the absolute system of physical measurement, and the elementary principles of Plane Trigonometry.

HONORS AT GRADUATION (FINAL HONORS).

Honors of two grades — *Honors* and *Highest Honors* — are awarded by the Faculty of Arts and Sciences, with the degree of Bachelor or Master of Arts, or Bachelor of Science, for great proficiency in any of the following subjects: Semitic Languages and History; Sanskrit; Classics; English; Modern Literature; Philosophy; Political Science; History; Music; Mathematics; Physics; Chemistry; Natural History.

* The Advanced Physics of the examination for admission may be substituted for a full course in Physics.

The qualifications required for Honors in these subjects respectively are as follows :—

In *Semitic Languages* the candidate must have taken the equivalent of five courses, and must also have performed such additional work as may be required of him.

In *Sanskrit* the candidate must have received Second-Year Honors in Classics, and must have taken the three courses in Sanskrit and one of the following: a course in Comparative Philology; Philosophy 13; a course in Pāli.

In *Classics* the candidate must have taken the equivalent of six courses (he may count among the six one course in Sanskrit); must be able to read ordinary Greek and Latin at sight and to write Greek and Latin prose; and must have taken Second-Year Honors in Classics: but students admitted to college as Seniors may, through the recommendation of the instructors in Classics on the evidence of good work done elsewhere, be excused from the examinations for Second-Year Honors.

In *English* the candidate must have taken elective work amounting to six courses, one of which must be a course in writing English. If he has not taken English 3¹, he must give evidence of his ability to read ordinary Anglo-Saxon prose. An oral examination and a thesis are required.*

Courses in Elocution and courses in Oral Discussion are not counted for Honors in English.

In *Modern Literature* the candidate must be able to read French and German with facility at sight, and must have taken two elective courses, or their equivalent, in English, two in German, and two in French. These he may choose from among the following: In English, 1, 2, 7, 8, 9, 11, 14, 15, 16, 17, 20 (if the plan of study be suitable), 20a, 23, 24; in German, 2, 3, 4, 5, 8, 9, 10, 11, and the courses in Germanic Philology; in French, 6, 7, 8, 9, 10, 11, 12, 20. Course 3 or 4 in Italian, or Course 3 in Spanish, may be substituted for any French or any German course above-mentioned; but no substitution will be allowed for English. A thesis is required of each candidate, and an oral examination.* The latter includes a thorough examination in the works of some author that the candidate selects with the approval of the committee of examiners.

* Candidates must be ready for the special examination by June 1.

The oral examination may be expected to extend to about three quarters of an hour. A written examination, in addition to the oral, will be allowed to any candidate who may wish it.

The thesis, limited to 7500 words, must be handed in (at the Secretary's office) not later than *May 20*. The subject of the thesis must have been submitted to the appropriate instructor.

Information as to the subject proposed for the thesis, and as to the author presented for the special examination in Modern Literature, must be sent with the certified approval of an instructor to the chairman of the Department of English, or of the Division of Modern Literature, not later than the *first day of the second half-year*.

In and after 1897 Honors in Modern Literature will not be given. Candidates may present themselves for Honors in English, in Germanic Languages and Literatures, or in Romance Languages and Literatures.

In Germanic languages and literatures the candidate must have a knowledge of Greek at least equal to that required for passing the examination in Elementary Greek at admission, must show a reading knowledge of Latin, German, and French, and must present as his major subject either the English or the German language and literature, and as minor subjects that one of these two not chosen as his major subject and either Germanic Philology or Comparative Literature. In the minor subjects the requirements will include: for English, an outline knowledge of the history of the literature or of the history of the language, and a more detailed knowledge of some period of the literature; for German, a good knowledge of the classic period of modern German literature and ability to write in German a short theme on some subject connected with the works of German literature which the candidate has studied; for Germanic Philology, Gothic or Old High German or Icelandic; for Comparative Literature, an outline knowledge of mediaeval European Literature. In the major subject the candidate must be able to write the language concerned with considerable readiness and correctness, and must have a somewhat detailed knowledge of the literature and of the history of the language in such proportions as may be approved by the Division.

The candidate must present a thesis on a subject approved by the Division, and must pass an examination, orally and in writing, on the general field covered by his studies.

No student will receive honors who fails to attain distinction in work amounting to five courses selected from the following list: German 2, 3, 4, *G*, 6 [the candidate shall not present more than the amount of two courses from among German 2, 3, 4, *G*, 6], 5, 8, 9, 10, 11; English 3¹, 1, 2, 23, 11, 7, 8, 9, 13, 19, 16, 8², 25, 4, 21, 26, 17, 14, 15, 24, 20, 20a; all courses in Germanic Philology; Comparative Literature 2, 21. The candidate's choice of courses must be presented for the approval of the Division of Modern Languages not later than October 23 in his final year of preparation.

In special cases the substitution of equivalents for a portion of the requirements indicated above may be allowed.

In Romance languages and literatures the candidate must have a knowledge of Greek at least equal to that required for passing the examination in Elementary Greek at admission, must show a reading knowledge of Latin, French, and German, and must present as his major subject the French or the Italian or the Spanish language and literature, and as two minor subjects the other two of these; but either Romance Philology or

Comparative Literature, or both, may be substituted as minor subjects. If French, Italian, or Spanish is a minor subject, the candidate must be able to use easily books written in the language concerned, must show a mastery of grammatical principles by writing in it, and must also have an outline knowledge of the history of the literature; if Romance Philology is chosen as a minor subject, he must have a knowledge of old French or Provençal; if Comparative Literature, he must have an outline knowledge of mediæval European literature. In the major subject the candidate must be able to write the language concerned with considerable readiness and correctness, and must have a somewhat detailed knowledge of the literature and an outline knowledge of the history of the language itself.

The candidate must present a thesis on a subject approved by the Division, and must pass an examination, orally and in writing, on the general field covered by his studies.

No student will receive honors who fails to attain distinction in work amounting to five courses selected from the following list: French 5, 6, 7, 8, 9, 10, 11, 12, 13, 20, 20a, 20b; Italian 2, 3, 4; Spanish 2, 3; all courses in Romance Philology and in Comparative Literature. The candidate's choice of courses must be presented for the approval of the Division of Modern Languages not later than October 23 in his final year of preparation.

In special cases the substitution of equivalents for a portion of the work indicated above may be allowed.

When honors are awarded in either Germanic Languages and Literatures, or Romance Languages and Literatures, the major subject shall be named in the diploma.

In *Philosophy* the requirements are as follows:—

1. The candidate must have passed with distinction in Course 1, in one Systematic Course, and in two other courses chosen from the advanced courses in Philosophy or from the Additional Courses of p. 15 of the Programme of the Philosophical Department; and he must have passed creditably in two courses selected from the list of Auxiliary Subjects (*ibid.* p. 16).

2. He must pass a special examination in the outlines of the history of Modern Philosophy.

3. Either by special examination or by thesis, he must show a thorough acquaintance with the work of two philosophers, ancient or modern, whose lives are separated from one another by a considerable interval of time.

4. To prove his philosophic power, he must write at short notice a thesis on a topic drawn from that one of the Systematic Courses which he himself selects.

[Candidates who have studied at other colleges may present equivalents for half the courses here prescribed.]

In *History* the candidate must usually have taken Second-Year Honors in History.

Not later than *October 10* of his final year of preparation, the candidate must present, for approval by the Division of History and Political Science, a plan of study, which shall comprise at least five courses, not elementary, selected from those offered under History and Government and Law, it being expected that one of these will generally be a Seminary course. Courses not elementary, presented for Second-Year Honors, may be included in the five courses required for Final Honors.

Besides this minimum requirement, the candidate may indicate in his plan of study any further historical work done or planned by him, the character and range of which will then be an element in determining the award of Honors.

Such work may, with the approval of the Division Committee, include courses of study of an historical character offered by other departments of the University.

The candidate must present a thesis, which may also be counted as a part of his work in one or more courses, and must pass an examination on the general field of his historical study.

In *Political Science* the candidate must present for approval by the Division of History and Political Science, not later than *October 10* of his final year of preparation, a plan of study which shall comprise not less than five courses selected from those offered under History, Government and Law, and Economics, including at least one course in Economics, one in Constitutional History or Constitutional Government, and one in International Law or Roman Law.

The candidate may also state in his plan of study further work in Political Science, which he desires to have considered in determining the award of Honors.

The candidate must present a thesis, which may be counted as a part of his work in one or more courses, and must pass an examination on the general field of his studies in Political Science.

In *Music* the candidate must have taken five courses, and must have passed all the examinations with distinction; he must also present original compositions in strict and free form.

In *Mathematics* the candidate must have received Second-Year Honors in Mathematics, must in addition have taken four advanced courses, and must also present a satisfactory thesis.

In *Physics* the candidate must have received Second-Year Honors in Physics, and must in addition have taken three advanced courses in Physics, and one other advanced course either in Physics or in Mathematics (the latter not being counted for Honors in Mathematics). He must present a satisfactory thesis, and pass an examination in General Physics.

In *Chemistry* the candidate must have taken five courses, and must pass an examination in Chemical Philosophy.

In *Natural History* (*Botany, Zoölogy, and Geology*) the candidate must have taken six courses; but he may count Course 2 in Chemistry for one course in Natural History. Advanced work in the Summer School of Geology (Geology 83) may be counted toward Honors as equivalent to Geology 22.

Every candidate for Honors in Natural History must give notice of his candidacy to the Chairman of the Division of Natural History, on or before *March 1* in his Sophomore or Junior year.

In every case the candidate must pass with distinction the regular examinations in the courses required of him; must pass, near the close of the Senior year, a special examination, conducted by a committee of the Faculty, to test the range and accuracy of his knowledge of the subject in which he offers himself for Honors; and must present such theses as may be called for.

Students who have failed to pass with distinction any of the examinations required for Honors may, with the consent of the Faculty, make up their deficiencies by passing such additional examinations as may be required of them; but no such permission is granted for failures occurring after the beginning of the Senior year.

Honors, however, will be given to graduates not entitled to them at graduation who shall have complied with all the requirements for Honors within two years after graduation. They may also be taken, at any time, with the degree of Master of Arts.

Every student who wishes to be regarded as a candidate for Honors at graduation must present a written application* to the Dean of the College before *November 1* in his Senior year; but a candidate for Honors in Natural History must give notice as stated above as early as *March 1* in his Sophomore or Junior year. No application is granted without the written recommendation of the instructors in the Department or Division concerned.

HONORABLE MENTION AT GRADUATION.

Members of the graduating class may receive Honorable Mention, on the Commencement programme and in the next following Annual Catalogue, in one or more of the following studies: Semitic Languages; Sanskrit; Greek; Latin; English Literature; English Composition; German; French; Italian and Spanish; Romance Philology; Philosophy; History; Economics; Fine Arts; Music; Mathematics; Engineering; Physics; Chemistry; Natural History. The usual ground of Honorable

* Blank forms of application may be obtained at the Recorder's Office.

Mention in any study will be the attainment of Grade *A* or *B* in elective work (not elementary) in that study, amounting to *three courses*. The Faculty, however, reserve the liberty of considering individual cases on their merits, and departing from the strict application of the foregoing rule. If a student earns Honorable Mention *twice* in any study, the fact is stated.

The following special regulations have been adopted:—

Greek. The count must include Course 6, 8, or 9. Courses *A*, *B*, *C*, *D*, *E*, and *F* cannot be counted.

Latin. Courses *A*, *B*, *C*, *D*, *E*, and *F* cannot be counted.

English Composition. English *B* and *C* taken together, and English *C* and 18 taken together, may each be substituted for one elective course; but no thesis substituted for a forensic will be counted for Honorable Mention unless approved by the Department of English.

German. Courses *B*, *C*, 1*a*, 1*b*, 1*c*, *E*, and *F* cannot be counted.

French. Of Courses 1*a*, 1*b*, 1*c*, and 2, only one may be counted. Courses 3, 4, and 14 cannot be counted.

Italian and Spanish. Neither Italian 1 nor Spanish 1 may be counted.

History. Course 1 cannot be counted; Course 1 in Government and Law cannot be counted.

Mathematics. The count must include Course 5, 6, or 8. Courses *A*, *B*, *C*, *D*, *E*, and *F* cannot be counted.

Engineering. Course 1*a* cannot be counted.

Physics. Course *B* cannot be counted. Of Courses *C* and 1, only one may be counted.

Chemistry. Courses *B* and 2*a* cannot be counted. Of Courses 1 and 2, only one may be counted.

Natural History. The count must include Botany 3, Zoölogy 3, or Geology 8.

No course is counted for Honorable Mention in more than one department.

PRIZES.

DETURS.

Meritorious students of one year's standing may receive books called *Deturs*. Seniors and Juniors may receive *Deturs* if, since the Freshman Year, they have shown decided improvement in scholarship. The distribution is made near the beginning of the Academic Year, from the income of the Hopkins Foundation.

BOYLSTON PRIZES FOR ELOCUTION.

The Boylston Prizes for Elocution are awarded to Seniors and Juniors at a public competition on the second Thursday in May. The students speak, not their own compositions, but selections from English, Greek, or Latin authors; the proportion in English is to be at least two out of three. The selections must be approved by the Boylston Professor of Rhetoric and Oratory.

The competitors must enter their names with the Boylston Professor *before the last Thursday of April*. No application will be received after that time.

The Corporation, and gentlemen selected by the Corporation, will act as judges, and award the prizes as follows:—

Two First Prizes, of *sixty dollars* each; and three Second Prizes of *forty-five dollars* each. The First Prizes may be withheld if none of the competitors appear to deserve them.

At this exhibition, no prompting of the speakers will be allowed; and a failure of memory will exclude a competitor from consideration in the assignment of the Prizes.

OTHER PRIZES.

Information regarding the Bowdoin, the Dante, the Sargent, the George B. Sohler, the Paine, the Toppan, the Sumner, and the Sales Prizes, is given on pages 148-150.

PECUNIARY AID.

The aid annually available for undergraduates from Scholarships, the Price Greenleaf Fund, and the Beneficiary Fund, amounts to about forty thousand dollars. Also the income of undergraduates is sometimes increased by remunerative work — canvassing, singing, typewriting, stenography, office work, newspaper work, and, after the first year, private tutoring.

SCHOLARSHIPS.

Of the one hundred and thirty-seven scholarships now available, twenty-seven with an annual value of \$7650 are regularly awarded to members of the Graduate School; one hundred and ten, with an annual value of \$24,590 are regularly awarded to undergraduates. Three of these may be assigned to Special students. The annual value of the scholarships varies from forty-five to four hundred and fifty dollars, the average amount being about two hundred and thirty-five dollars. Nearly all are awarded by the Corporation on the recommendation of the Faculty of Arts and Sciences or of the President. The facts considered in making an assignment are the needs of the student, and his promise *as indicated by his work in College*. A student who is not in need of aid cannot honorably apply for a scholarship; a scholarship cannot properly be awarded to one who, from physical, mental or moral weakness, gives little promise of future usefulness. The special terms under which some scholarships are assigned are stated below.

Scholarships are awarded to Sophomores, Juniors, and Seniors before the beginning of each academic year, on the basis of the work of the preceding year; and the income is paid in three instalments—January 12, April 12, and immediately after the issue of the June term-bill.

For the assignment of Price Greenleaf Aid to Freshmen and other undergraduates in their first year, see p. 238.

Scholarships are ordinarily assigned only on the basis of *a previous year of work in College*. The enjoyment of a scholarship for one year will not constitute any title to a second nomination, unless the superiority for which it was originally awarded be fully maintained. No student who has incurred a serious college censure in the course of the year will be considered a candidate for a scholarship; nor any student who obtains leave of absence for the year in which the scholarship would be payable.

Applications of College students for scholarships should be addressed to the *Dean of Harvard College*, and must be deposited in the box at No. 5 University Hall on or before the *last Wednesday in May* of each year. The candidate must write his application on a blank form, which he may obtain at the Recorder's Office.

Aid from the Price Greenleaf, Beneficiary, and Loan Funds must be applied for in special and separate petitions.

A detailed list of the scholarships, arranged in alphabetical order, follows:—

ABBOT SCHOLARSHIP, with an income of one hundred and fifty dollars. A fund of two thousand dollars, contributed by persons educated at Phillips Exeter Academy, was established in 1852 in memory of Dr. Benjamin Abbot. The income of this fund is payable to such needy undergraduate as may be selected by the Faculty for scholarship and good character; descendants and other relations of Dr. Abbot and the best scholars from said Academy are to be preferred in the order named.

ALFORD SCHOLARSHIP. A bequest of one hundred and thirty three pounds, six shillings, and eight pence, from Mrs. Joanna Alford, of Charlestown, was received in 1785, the income of which is to be appropriated to the education of students in indigent circumstances. This fund is to accumulate for the present.

BARTLETT SCHOLARSHIP, with an income of two hundred and fifty dollars. A bequest of five thousand dollars from Dr. Henry Bartlett, of Roxbury, of the Class of 1820, was received in 1881, "to found or establish a scholarship, the income only to be used in aid of meritorious undergraduates who may require such assistance."

BASSETT SCHOLARSHIPS. Three, with an income of ninety dollars each. A bequest of five thousand dollars, from Francis Bassett, of Dennis, was received in 1876, the income of which is payable equally to three undergraduates, one of the Sophomore, one of the Junior, and one of the Senior Class, to be selected by the Faculty, and to stand above the medium rank in their respective Classes.

BIGELOW SCHOLARSHIPS. Two, with an income of two hundred and fifty dollars each. A bequest of ten thousand dollars from Tyler Bigelow, of Watertown, was received in 1865, the income thereof to be given to indigent undergraduates selected by the Corporation with reference to habits of industry and earnest effort, and without regard exclusively to rank.

BOWDITCH SCHOLARSHIPS. Twenty, with an income of two hundred and fifty dollars each, founded in 1860 by Nathaniel Ingersoll Bowditch, of Boston, and to be distributed by the President equally among the

several Classes to poor and deserving students according to their rank or self-improvement. The sum of seventy thousand dollars in United States bonds was received in 1864 as the principal of this fund.

BRIGHT SCHOLARSHIPS. Five, with an income of two hundred dollars each. Established in 1880 under the will of Jonathan Brown Bright, of Waltham, with one half the income of the Bright legacy of fifty thousand dollars. Descendants of Henry Bright, Jr., of Watertown, Mass. (died 1686), who may be students in any department of Harvard University, are entitled to enjoy these scholarships; such descendants failing, the scholarships are to be applied "to the maintenance and support of any meritorious undergraduate or undergraduates of the said College whose circumstances may require pecuniary aid."

BROWNE SCHOLARSHIP, with an income of one hundred and fifty dollars. Founded by William Browne, of Salem, and his descendants. In 1687 William Browne, first, bequeathed to the College one hundred pounds, "to be improved for the bringing up of poor scholars." In 1708 Benjamin Browne bequeathed two hundred pounds for the same purpose, giving the preference to Salem scholars. In 1716 Major William Browne, second, brother to Benjamin, bequeathed one hundred pounds, the income to be used to help support his descendants while students at the College; if none there, then to help maintain poor scholars from Salem. In 1720 Colonel Samuel Browne gave one hundred and fifty pounds for the same purpose; and added to this gift by his will, in 1731, his estate in Hopkinton, the income therefrom to be used for bringing up poor scholars, those recommended by his posterity to be preferred.

RULUFF STERLING CHOATE SCHOLARSHIP, with an income of three hundred dollars. Founded in 1884 by Joseph H. Choate, of New York, with a principal of six thousand dollars. The income is to be paid to "some meritorious student in the undergraduate department of the University who shall require the same."

SCHOLARSHIP OF THE CLASS OF 1802, with an income of three hundred dollars. The class fund of six thousand dollars was received by the College in 1870. The income of the fund is to be "applied to the aid of such needy descendants of the members of the said Class as may be students at said College, and of other needy and meritorious students."

SCHOLARSHIP OF THE CLASS OF 1814, with an income of one hundred and twenty-five dollars. In 1853 this Class raised by subscription a fund of two thousand three hundred dollars, the income of which is to be paid to "some meritorious student who is an undergraduate of the College holding a respectable rank as a scholar, preference to be given to descendants of members of said Class."

SCHOLARSHIP OF THE CLASS OF 1817, with an income of one hundred and fifty dollars. Founded from gifts amounting to two thousand and sixty-five dollars, received from the Class of 1817, between 1852 and 1866. The income is to be awarded to some meritorious undergraduate of respectable standing as a scholar, but without special reference to academic rank; and descendants of members of the Class are to have the preference as applicants.

SCHOLARSHIP OF THE CLASS OF 1828, with an income of one hundred and fifty dollars. The class fund of twelve hundred and ninety-four dollars was received by the College in 1882, and eleven hundred and ninety dollars and forty-three cents additional in 1889. The income of the fund is to be expended in aid of one or more poor and honest hard-working students connected with the College in any way, but under its guidance, though they may not be of the finest talent or highest college rank; preference to be given to descendants of members of the Class who meet all the above-stated conditions.

SCHOLARSHIP OF THE CLASS OF 1835, with an income of one hundred and fifty dollars. Founded by the Class of 1835 from gifts amounting to one thousand eight hundred and fifteen dollars, received between 1853 and 1892, for the benefit of meritorious young men, whether descendants of members of the class or otherwise.

SCHOLARSHIP OF THE CLASS OF 1841, with an income of two hundred dollars. The class fund of two thousand dollars was received in 1871. One thousand dollars were added to the fund in 1876 by Francis E. Parker, and two hundred dollars were added thereto from the estate of Seth Edward Sprague in 1884, through Francis Minot, Secretary of the Class. The income is to be paid to some one deserving undergraduate; descendants of members of the class to have the preference as candidates.

SCHOLARSHIPS OF THE CLASS OF 1856. Two, with an income of three hundred dollars each. In 1885 David Pulsifer Kimball, of the Class of 1856, gave railroad bonds to the amount of ten thousand dollars for the establishment of two or more scholarships to be known as Scholarships of the Class of 1856, the income to be used "in the discretion of the Faculty to aid two or more undergraduates needing pecuniary assistance in obtaining an education at Harvard College."

SCHOLARSHIP OF THE CLASS OF 1867, with an income of one hundred and fifty dollars. In 1886 Samuel Hoar gave two thousand dollars to found this Scholarship. The sum of five hundred and fifteen dollars and eighty-six cents, received from members of the Class of 1867 through the Class Secretary, has been added to the fund. "The net income shall be annually paid at or near the beginning of the second half of each College

year to some member of the Freshman Class, in the Academic Department of Harvard College, who shall seem to the said President and Fellows meritorious and in need of assistance." "Children or grand-children of members of the Class of 1867 of Harvard College who are deemed worthy shall be preferred."

CROWNINSHIELD SCHOLARSHIPS. Two, with an income of two hundred dollars each. Founded from a bequest of five thousand dollars made by Francis B. Crowninshield, which was received in 1877. These scholarships, when vacant, are to be assigned by the Corporation, after public notice, to Freshmen, who shall hold them during their whole undergraduate course, subject to removal by the Corporation at any time.

WARREN H. CUDWORTH SCHOLARSHIPS. Mrs. C. M. Barnard offers to provide annually at present for two scholarships of three hundred dollars each in memory of the late Rev. Warren H. Cudworth, "for poor and meritorious students in Harvard College, whether candidates for a degree or not," students from Lowell and from East Boston to be preferred.

DANA SCHOLARSHIP OF THE CLASS OF 1852, with an income of two hundred dollars. Founded in 1876 from a bequest of nineteen hundred and seventy-four dollars and twenty-eight cents made by Mrs. Ann F. Schaeffer, in memory of her son, Charles F. Dana. The income is to be paid to "such students as shall deserve and need it, without any special reference to the College rank."

GEORGE AND MARTHA DERBY SCHOLARSHIP (reserved for members of the Graduate School), with an income of two hundred and fifty dollars. Founded in 1881 from a bequest of five thousand dollars made by Miss Martha C. Derby.

JULIUS DEXTER SCHOLARSHIP, founded in 1892 by an anonymous friend, with a principal of two thousand dollars. The income is to be "devoted to aiding worthy and needy undergraduates in the academical department of Harvard University — those from Cincinnati in particular and from Ohio in general to be preferred over others." This fund is to accumulate for the present.

ORLANDO W. DOE SCHOLARSHIP, with an income of one hundred dollars. Founded in 1893 from a bequest of five thousand dollars made by Orlando W. Doe, "the interest of one half to be given as a scholarship annually to a deserving student in the academical department."

WILLIAM SAMUEL ELIOT SCHOLARSHIP, with an income of two hundred and fifty dollars. Founded in 1875 by Samuel Eliot, of Boston, in memory of his son. The income of his gift of five thousand dollars is payable

"to a student taking a Greek elective, or in case no such student needs pecuniary assistance, to any student or students at the discretion of the Dean of Harvard College."

FALL RIVER SCHOLARSHIP, with an income of forty-five dollars. Founded in 1893 by Milton Reed, of Fall River. The annual income of his gift of one thousand dollars is to be given "to some meritorious needy undergraduate student at the College proper, the preference to be given to some such student from the City of Fall River, Massachusetts."

FARRAR SCHOLARSHIP, with an income of two hundred and fifty dollars. Founded by Mrs. Eliza Farrar, of Springfield, in memory of her husband, Professor John Farrar. The income of her bequest of five thousand dollars, received in 1873, is to be applied "towards the maintenance and support of one meritorious student then being an undergraduate in said College."

RICHARD AUGUSTINE GAMBRILL SCHOLARSHIP, with an income of four hundred dollars. Founded in 1890, with a principal of ten thousand dollars, by Mrs. Anna Van Nest Gambrill, of New York, in memory of her husband, Richard Augustine Gambrill, a graduate of the College of the Class of 1872, and of the Law School. The beneficiary must be an undergraduate of the College who will be benefited by such assistance, but he need not be absolutely dependent upon it for his ability to remain in College.

CHARLES HAVEN GOODWIN SCHOLARSHIP (reserved for members of the Graduate School), with an income of three hundred dollars. Founded in 1889, with a principal of six thousand dollars, by Professor William W. Goodwin in memory of his son, a graduate of the Class of 1888. "The scholarship shall be assigned by the Corporation at or near the beginning of each academic year, to some deserving student who will be benefited by such assistance, but not necessarily to one who is absolutely dependent upon outside aid for the ability to remain at the University. The beneficiary must be approved by the senior professor of Greek and the senior professor of Latin in the University; and he must be either a student in the highest class in Harvard College who is distinguished for his scholarship in Greek and Latin, or a graduate of Harvard College who has distinguished himself there in classical scholarship and is a student of classical philology in the Graduate Department of the University."

BENJAMIN D. GREENE SCHOLARSHIP, with an income of one hundred and fifty dollars. Founded in 1863, from a bequest of one thousand dollars made by Benjamin D. Greene, of Boston, "to establish a scholarship for a poor scholar, the appointment thereto to be vested in the President for the time being."

PRICE GREENLEAF SCHOLARSHIPS. Ten, with an income of three hundred dollars each, established in 1887 under the will of E. Price Greenleaf of Quincy. The will provides that "a sum equal to, but not exceeding, three thousand dollars a year, shall be divided into shares of three hundred dollars each, and each of said shares shall be paid in each year to an undergraduate, who, by reason of insufficient means, shall be unable to pay the expenses necessarily incurred in pursuing his studies as a member of the Academic Department of the College. In the selection of ten students, to each of whom one of said shares of three hundred dollars is to be paid, preference is to be given to those who by industry, good conduct, and zealous effort shall be deemed by the President and Dean of the College to be meritorious students, and entitled to encouragement and support; it being, however, my wish that said money should not be awarded to any student solely by reference to his rank or standing as a scholar, but that regard should also be had to earnest and honest endeavor to attain excellence."

LEVINA HOAR SCHOLARSHIP, with an income of two hundred and fifty dollars. Founded in 1876, from the residuary bequest of four thousand four hundred and seventy-five dollars and fifty-one cents, made by Miss Levina Hoar, of Lincoln, "the income of which shall be applied to assist in the support of meritorious students at said College who may be in need of assistance, given a preference always to students from the town of Lincoln, in Massachusetts,"

HODGES SCHOLARSHIP, with an income of two hundred dollars. Founded by Richard Manning Hodges, in 1878, with a principal of five thousand dollars. The income is to be given "to a meritorious student, without pecuniary means, of the Senior Class,—his merit depending, without reference to scholarship, upon diligence and good character, though scholarship is to be no bar to the beneficence to be bestowed."

HOLLIS SCHOLARSHIP, with an income of two hundred dollars. Founded by Thomas Hollis, of London, in 1722, and his brother, Nathaniel Hollis, in 1732, for the benefit of pious young students designed for the ministry, and who may be needy and deserving.

HENRY B. HUMPHREY SCHOLARSHIP, with an income of four hundred and fifty dollars. Established in 1890 from a bequest of ten thousand dollars made by Mrs. Pastora E. Humphrey, "to found a scholarship for the benefit—first, of any pupil or pupils applying for entry in said College from Thomaston, in Knox County, in the State of Maine; next, of any pupil or pupils from said Knox County; next, of any pupil or pupils from said State of Maine; next, of any pupils said College may deem proper."

KIRKLAND SCHOLARSHIP, with an income at present of two hundred dollars. Founded in 1852 with a principal of two thousand three hundred and three dollars and forty-six cents by the Class of 1815, in memory of President Kirkland. The income of the fund is to be applied at the discretion of the Corporation; descendants of members of said Class to have the preference as beneficiaries.

GEORGE EMERSON LOWELL SCHOLARSHIPS. Two, with an income at present of two hundred dollars each. Founded in 1886 by Judge Lowell, the income to be awarded to students in the academic department "at the discretion of the President and Fellows (excepting that excellence in the Classics or in Athletics is recommended as a desirable qualification)."

MATTHEWS SCHOLARSHIPS. Fifteen, with an income of three hundred dollars each. Founded by Nathan Matthews, of Boston, in 1870 from one half the net income from Matthews Hall. The income of the fund is for the aid of needy and deserving scholars; those intending to study for the ministry of the Protestant Episcopal Church, and sons of clergymen of the Protestant Episcopal Church, to be preferred. A portion of the Matthews Scholarships may be assigned in advance to students admitted to the Senior class who intend to study for the ministry of the Protestant Episcopal Church, provided they present satisfactory evidence of high scholarship.

WILLIAM MERRICK SCHOLARSHIP, with an income at present of two hundred dollars. Founded in 1888 from a bequest of five thousand dollars made by William Merrick, the income to be paid "to some meritorious undergraduate, descendants of members of the Class of 1870 to have the preference."

MOREY FOUNDATION. One scholarship, with an income of three hundred dollars. Founded in 1866 from a bequest of seven thousand one hundred and fifty dollars made by George Morey, of Boston, the income of which is to be awarded to one or two undergraduates; the person receiving the benefit of the fund to be "a meritorious young man, whose scholarship and conduct shall have been satisfactory to the Government of the College"; the descendants of Rev. George Morey, of the Class of 1776, to have the preference.

LADY MOWLSON SCHOLARSHIP, with an income of two hundred dollars. In 1648 Lady Ann Mowlson, of London, founded the first scholarship in Harvard College by a gift of one hundred pounds "current English money," the income to be paid to some poor scholar until he shall attain the degree of Master of Arts, any kinsman of Lady Mowlson having preference over other scholars. This gift was at first held by the Colony of the Massachusetts Bay, and in 1713 was paid over to the College, with

accrued interest from 1685, by the Province Treasurer. In the early part of the last century this fund was probably mixed with other college funds and formed part of the Stock Account. In 1893 the scholarship was re-established with a principal of five thousand dollars taken from the Stock Account.

PALFREY EXHIBITION, with an income of eighty dollars. In 1821 a fund of twelve hundred dollars was given by John Gorham Palfrey, the income of which should be granted annually "to the most distinguished scholar among the indigent members of the Senior Class."

PENNOYER SCHOLARSHIPS. Four: two with an income of seventy-five dollars, and two with an income of sixty dollars each. In 1670 William Pennoyer, of England, gave an annuity from his estate in Norfolk for the benefit of two fellows and two scholars; one of the latter, as often as occasion shall present, to be of the posterity of Robert Pennoyer, and the other from New Haven Colony, if conveniently may be.

REBECCA A. PERKINS SCHOLARSHIP, with an income of one hundred and fifty dollars. The sum of nine hundred and forty dollars was received in 1869 from a bequest made by Rebecca A. Perkins, of Fitchburg, the income thereof to be given "to some worthy and meritorious but indigent undergraduate of said Harvard College, to assist him in paying his College expenses," who must apply in writing to the President of the College "setting forth his pecuniary need and also the inability of Parents to defray his College expenses," and must send a certificate of a municipal officer of the city or town, where the applicant resides, that the facts are as stated in the application.

RODGER SCHOLARSHIP. Founded by Rev. James G. Rodger in 1883; not yet available.

HENRY BROMFIELD ROGERS SCHOLARSHIP, with an income of one hundred and fifty dollars. In accordance with the terms of the original gift, this scholarship has been created from the appraised value (three thousand one hundred and eighty dollars and fifty cents) of the Gymnasium given to the College by Henry Bromfield Rogers in 1859, and converted to other uses in 1883. The income is to be used for "the maintenance and education of deserving and talented undergraduates in indigent circumstances."

EDWARD RUSSELL SCHOLARSHIP. Founded in 1877 by Edward Russell, of Boston. This fund is to accumulate for the present.

SALES SCHOLARSHIPS. Two, with an income of one hundred dollars each. Founded in 1893 with a principal of four thousand nine hundred and sixteen dollars and sixty-seven cents, which is one half of the residuary bequest by Francis Sales to the College.

SALTONSTALL SCHOLARSHIP, with an income of one hundred and fifty dollars. Founded from a bequest of three hundred pounds made by Mrs. Dorothy Saltonstall, of Boston, in 1733 and received in 1739. In 1893 Henry Saltonstall, of Boston, added three thousand dollars to this fund. The income is to be used for the benefit of poor scholars.

MARY SALTONSTALL SCHOLARSHIPS. Two, with an income of one hundred and fifty dollars each, in the gift of the board of Overseers. In 1730 Madam Mary Saltonstall, widow of Gov. Gurdon Saltonstall of Connecticut, bequeathed to the College one thousand pounds, the income of which is to be given to two persons without means, of bright parts and good diligence (always dissenters), to fit them for the service of the Church of Christ; those related to the giver by consanguinity to be preferred. In 1845 Leverett Saltonstall of Salem added to this fund a bequest of five hundred dollars.

JAMES SAVAGE SCHOLARSHIP (reserved for members of the Graduate School), with an income of three hundred dollars. Founded in 1873 from part of the bequest of forty thousand dollars made by James Savage of Boston.

SEVER SCHOLARSHIP, with an income of one hundred and fifty dollars. Founded from gifts, amounting to two thousand three hundred and ninety dollars, received from Colonel James Warren Sever, of Boston, in 1868, 1869, and 1870. The income from this fund is to be awarded to some meritorious undergraduate without exclusive reference to academic rank; applicants from Kingston and Plymouth are to have the preference.

SEWALL SCHOLARSHIPS. Two, with an income of two hundred dollars each. In 1696 Judge Samuel Sewall, of Boston, and his wife Hannah conveyed to the College a farm of five hundred acres at Petaquamscot in the Narragansett country, otherwise called King's Province; the income therefrom to be appropriated "for and towards the support and education at the said College of such youths whose parents may not be of sufficient ability to maintainn them there, especially such as shall be sent from Petaquamscot aforesaid, English or Indians, if any such there be."

SHATTUCK SCHOLARSHIPS (reserved for members of the Graduate School). Seven with an income of three hundred dollars each. Founded in 1854 from a bequest of ten thousand dollars, by Dr. George Cheyne Shattuck, of Boston, "for the benefit of such persons of superior merit pursuing their studies at said College (graduates or undergraduates) as in their opinion may require and deserve assistance in the study of mathematics or any of its branches, or in the study of the languages, any or either of them.

SLADE SCHOLARSHIP, with an income of two hundred and fifty dollars. Founded in 1877 by Dr. Daniel Denison Slade, of Chestnut Hill, who gave for the purpose five thousand dollars, the income of which is "to be used from year to year for the benefit of young men who have proved themselves worthy of aid by diligence and meritorious conduct during at least one year's residence in Harvard College," the benefactor's sons, if at any time candidates, to have the preference.

STORY SCHOLARSHIP, with an income of one hundred and fifty dollars. A gift of two thousand dollars was received in 1864 from Augustus Story, of Salem, who directed that the income should be awarded by the President, without special reference to class rank, to such deserving applicant as might by his mental power, general character, and physical health, give the largest promise of usefulness.

STOUGHTON SCHOLARSHIP. In 1701 Gov. William Stoughton bequeathed to the College twenty-three acres of pasture and a parcel of salt meadow in Dorchester, with the provision that the clear rent and income thereof should be given "in the first place to a scholar of the town of Dorchester, and if there be none such, to one of the town of Milton, and in want of such, then to any other well deserving that shall be most needy." This fund was created from rents for the pasture and receipts from the sale of the salt marsh, and is to accumulate for the present.

THAYER SCHOLARSHIPS (reserved for members of the Graduate School). Ten, with an income of three hundred dollars each. In 1857 John Eliot Thayer, of Boston, bequeathed to several persons named by him, in trust, the sum of fifty thousand dollars, to pay the income thereof to the ten most meritorious scholars in Harvard University who may actually need the same.

GORHAM THOMAS SCHOLARSHIP (reserved for members of the Graduate School), with an income of two hundred dollars. In 1865 Dr. Alexander Thomas, of Dorchester, gave three thousand dollars, to found a scholarship in memory of his son, a graduate of the College.

TOPPAN SCHOLARSHIP (reserved for members of the Graduate School), with an income of three hundred dollars. The sum of four thousand seven hundred dollars was received in 1868 from a bequest made by Mrs. Ann Toppan, of Portsmouth, N. H., to found a scholarship in memory of her husband, Christopher S. Toppan, "for the assistance of deserving young men during their College course."

TOWNSEND SCHOLARSHIPS (reserved for members of the Graduate School). Four, with an income of two hundred and fifty dollars each, and one, with an income of two hundred dollars. Founded in 1861 by

Miss Mary P. Townsend, of Boston, from a bequest to the College of twenty thousand dollars, the income of which is to be used for the benefit of indigent scholars.

WALCOTT SCHOLARSHIPS. Two, with an income of one hundred dollars. Founded by Samuel Baker Walcott in 1855, with a principal of two thousand dollars. The income of the fund, when not less than two hundred dollars, is to be divided equally between two needy and meritorious undergraduates, who are to be nominated by the Faculty and appointed by the President and Fellows.

WILLIAM WHITING SCHOLARSHIPS. Two, with an income of two hundred dollars each, founded in 1874 by William Whiting, of Boston, with a principal of five thousand dollars. For the benefit of deserving undergraduates of the College who need aid to defray their college expenses; preference being given to any of the descendants of the founder or of the Rev. Samuel Whiting, his first ancestor in America, who shall apply for, and shall be otherwise in the opinion of the Corporation proper persons to receive such assistance.

PRICE GREENLEAF AID.

The President and Fellows of Harvard College have been enabled by the recent bequest of **EZEKIEL PRICE GREENLEAF** to appropriate annually from \$14,000 to \$16,000 "to reduce the general expenses necessarily incurred by undergraduates of the College in pursuing the studies required to obtain the degree of Bachelor of Arts, who are not of themselves, or with the aid of their parents, of sufficient pecuniary ability to pay for the same."

The income of the Price Greenleaf Fund is distributed, in sums of from \$100 to \$250 a year: *first*, to undergraduates in the first year of their residence (whether Freshmen or students admitted to advanced standing, with or without examination); *secondly*, to deserving students who have not succeeded in the competition for scholarships, and who have applied for Price Greenleaf Aid on or before the last Wednesday in May.

The regular assignment to first-year students is made before or at the time of their entrance. To secure such an assignment the applicant must be strongly recommended by the college, academy, or school with which he has been connected; and must see that his application is in the hands of the Secretary by the first day of May. A subsequent assignment is made in January to some other first-year students of high standing: applications must be in the hands of the Secretary by the fifteenth day of December.

In every case the amount assigned is payable (but only to persons who may be undergraduates at the time of payment) in three instalments, one at the time of presentation of each of the three term bills of the year.

The recipients of Price Greenleaf Aid may be called upon for service as monitors or assistants to an amount not exceeding four hours a week.

For blank forms of application, and information about necessary expenses, address the *Secretary of Harvard University*, Cambridge, Mass.

BENEFICIARY FUNDS.

Various other bequests and donations to the College have from time to time been made, the income of which is appropriated for the aid of deserving students in narrow circumstances. The annual amount thus appropriated is about eighteen hundred dollars, which is usually distributed in gratuities of not more than fifty dollars each. Among these bequests is "The Munroe Fund" of fifteen thousand dollars, of which ten thousand one hundred and forty dollars have now been received by the College; in the bestowment of the income of this fund preference is to be given to natives, or children of citizens, of Concord, Mass.

Applications for aid from the Beneficiary Fund should be addressed to the Dean, by the student's parent or guardian, or by the student himself, if of age. The application should state particularly the circumstances of the case, with the reasons for asking aid.

LOAN FUND.

In addition to the Beneficiary Funds above mentioned, there is a Loan Fund, the interest of which, amounting annually to about three thousand dollars, is lent to meritorious students in the Sophomore, Junior, and Senior classes, in sums ranging from forty to one hundred dollars. This fund is under the control of a Board of Trustees, in Boston.

The applications for the Loan Fund should be left with the Dean of the College as early as *the first day of December*.

The Trustees of the Fund request applicants for loans to observe the following rules:—

"1. To address their applications to the Treasurer of the Loan Fund, George Wigglesworth, Esq., Boston, and give them to the Dean of the College.

"2. To state the amount they wish to borrow.

"3. To set forth their circumstances fully, as they would do on making application to an individual for like aid.

"4. To state what aid they have received, or expect to receive, from the College.

"5. If an applicant is under twenty-one years of age, his application must be accompanied by the written approval of his parent or guardian."

EXPENSES.

The following table exhibits four scales of annual expenditure, — clothing, washing, and the expenses of the long vacation not being included : —

	Low.	Moderate.	Liberal.	Very liberal.
Tuition	\$150	\$150	\$150	\$150
Books and Stationery . .	25	35	45	61
Room	22	50	100	175
Furniture (annual average)	10	15	25	50
Board	114	152	152	304
Fuel and light	11	15	30	45
Societies and subscription to sports (annual average)			35	50
Servant				25
Sundries	40	55	85	150
Total	\$372	\$472	\$632	\$1010

For certain laboratory courses additional fees are required for materials, reagents, and the use and breakage of apparatus.

Members of any department of the University can board at cost by joining the Association which uses the great dining-room of Memorial Hall, but the total membership is necessarily limited to about 1100. The cost of board to the members of this association is expected not to exceed \$4.10 a week. Applications for seats should be made before September 15, 1895, to the Auditor of the Dining Association, Memorial Hall. The Hall opens on the last Wednesday in September.

Upwards of three hundred members of the various departments of the University are admitted annually to the Foxcroft Club, a coöperative organization having quarters adjoining the College yard. Simple articles of food are furnished to order at cost, making it possible to board at the Club for from \$2.50 to \$3.00 a week. The annual fees of the Club are low. Applications should be made early to the Secretary of the Foxcroft Club.

The required security (see p. 241 "Bonds") must be on file at the Bursar's office before any application for board can be accepted.

TUITION-FEES OF SPECIAL STUDENTS.

The tuition-fees of special students are : —

For any laboratory course, alone or with other courses, \$150 a year.

For certain laboratory courses additional fees are required for materials, reagents, use and breakage of apparatus.

For any elective full course, \$45; for a half-course, \$25 — a year.

In all other cases the fees will be computed at the rate of \$15 for an hour a week of instruction during the academic year up to \$150. But in no case shall the tuition-fee be less than \$30 or more than \$150 a year.

Any student who attends a course of instruction for only a part of the year must pay the full year's fee for that course; except that a student who is liable for the fee of \$150 a year is entitled to the same remissions as undergraduates.

BONDS.

Every *Undergraduate* must file a bond with the Bursar in the sum of \$400, signed by two bondsmen, one of whom must be a citizen of the United States, as security for the payment of College bills; or he may deposit with the Bursar \$400 in money, or in United States bonds, for the same purpose; or he may deposit \$50 as security and pay his tuition fees in advance as follows: — one third on or before October 1, one third on or before January 1, and one third on or before April 1. Any student who takes advantage of the last rule must pay in advance the full year's rent of any College room which may be assigned to him, and if he boards at Memorial Hall or at the Foxcroft Club, must make a deposit at the rate of \$5 a week in advance.

The above rules apply also to *Special Students*, except that \$200 is the amount of bond or deposit required of a special student who neither occupies a College room, nor boards at Memorial Hall, nor at the Foxcroft Club.

No officer or student of the University will be accepted as a bondsman.

COLLEGE BILLS.

The term-bills are issued December 22, March 22, and one week before Commencement, and are to be paid respectively on or before January 12, April 12, and October 10; but the third bills of candidates for degrees must be paid at least one day before Commencement. When a student severs his connection with the College his whole bill becomes payable at once.

The fee for instruction is \$150 a year, from which deductions will be made as follows: for absence of three consecutive months, \$30; for absence during the whole year, not including the mid-year and final exami-

nations, or either of them, \$100. A student who claims a deduction must present at the Bursar's office a certificate from the Recorder as to the fact and duration of his absence. In order to obtain such a certificate he must have given prompt notice of his intended absence in accordance with the regulations of the Faculty.

A student who joins the College after the beginning of the academic year will be charged for instruction from the beginning of the third in which he joins. One who leaves during the year will be charged for instruction only to the end of the third in which he leaves, if before that time he gives written notice of his withdrawal to the Secretary; otherwise he will be charged to the end of the third in which such written notice is given. The first third begins at the beginning of the academic year and ends December 31. The second third begins January 1 and ends March 31. The last third begins April 1 and ends at Commencement.

Additional fees are charged to those who take laboratory courses for materials, reagents, apparatus, etc.

A fee of \$3 is charged for the second and each subsequent examination for removing a condition.

ASSIGNMENT OF COLLEGE ROOMS FOR 1895-96.

Students living in College buildings, who intend to be students in any Cambridge department of the University during the academic year 1895-96, and wish to engage for that year the rooms which they now occupy, must sign new room-agreements and leave them at the Bursar's office between March 22 and March 31 inclusive.

A list of all the College rooms not engaged for 1895-96, except rooms in Wadsworth House, in Divinity Hall, and a few rooms in Holyoke House, with blank forms of application, will be ready for delivery at the Bursar's office April 6. Applications for these rooms may be made on or before May 2 by Undergraduates and Special Students in Harvard College, Students in the Lawrence Scientific School, Graduates of Harvard College who intend to be students in any Cambridge department of the University during 1895-96, and by those who intend to enter Harvard College as Undergraduates in the summer of 1895. But rooms in Holyworthy Hall will be assigned only to applicants who are members of the classes of 1896, 1897, or 1898 in the College. Applications which are not made on the printed blanks, and applications from those who have already engaged College rooms for 1895-96, will not be considered. The assignment of rooms will be made by lot May 4, and the result of the allotment will be announced May 5.

Lists of the rooms to be let May 4, descriptive lists of rooms, blank applications and bonds will be sent after April 6 to those intending to enter

the College in the summer of 1895 who send their names and addresses to the Bursar for that purpose. The application will contain a certificate to be signed by the instructor of the applicant stating that the applicant intends to enter the College as an Undergraduate in the summer of 1895, and specifying the examinations (June or September) at which he will apply for admission. The bond for \$400 must be executed by two sufficient bondsmen and will hold them for the full year's rent of any one of the rooms applied for which may be assigned to the applicant between the date of the execution of the bond and the fifth day of October, 1895, unless the applicant is rejected at the June examinations without permission to take the examinations in September; and in that case the bondsmen will be held for one quarter of the full year's rent. But the bondsmen will not be held for any payment of rent if the Bursar lets the room to some other member of the University in accordance with the established rules.

In the assignment of a room with two bedrooms,* preference will be given to an application signed by two students who will occupy the room together. If two students, neither of whom has a room standing in his name for 1895-96, intend to occupy a room together and both sign one application, this application will be given two chances in the allotment and any room drawn will be assigned to the two applicants. But if in any case one of two applicants to whom a room has been assigned is not admitted to College at the examination specified by the instructor on the room-application, or if either of the applicants does not register and join his class before October 1, or does not occupy the room through the year, the Bursar may cancel the assignment and assign the room by lot to other applicants.

Every student to whom a room is assigned, except any applicant for admission who is rejected at the June examinations without permission to take the examinations in September, will be held responsible for the full year's rent thereof, and all charges for gas and damages, unless, before October 1, 1895, the room is let at his request to some other student in accordance with the established rules; or unless, being a member of the class of 1896, of 1897, or of 1898, in the College, he permanently severs his connection with the University, obtains a leave of absence for the whole year 1895-96, or is suspended for the whole of that year, and gives written notice to the Bursar before September 1, 1895, that he desires to cancel his room-agreement. When one of two room-mates cancels his room-agreement under the preceding provision, the other room-mate may, except as otherwise provided in the case of rooms assigned by preference to two applicants, secure the room by at once signing a new room-agreement and leaving it at the Bursar's office; but unless he does so, the Bursar will be at liberty to assign the room to other tenants.

* In Holyoke House, rooms 5, 16, 27, and 38 only, will be subject to this preference.

Students who have no College rooms for 1895-96 and wish to obtain rooms which may be unengaged May 9, or which may become vacant at any time after that date, may after May 5 file applications at the Bursar's office, specifying the conditions as to buildings, floors, exposure, rent, &c. which they desire to have met and containing agreements to take any rooms which may be assigned to them which fulfil the specified conditions. These applications will remain in force until such dates as the applicants may specify therein, and rooms will be assigned upon them by lot. Notice of rooms to be assigned may be put upon the bulletin board if the Bursar considers it advisable.

The Bursar may cancel the assignment of a room to one whose connection with the University as a student is terminated; or to one intending to enter College as an undergraduate, who does not pass the admission examination or, having passed the examination, does not join his class before October 1, 1895; or to any other person who does not register as a student in some Cambridge department of the University before October 1, 1895.

The right to occupy a College room is given only to the student to whom the room is assigned and to his room-mate. Neither transfers nor exchanges of rooms are allowed. Not more than two students are allowed to occupy any College room; and not more than one to occupy any room in Divinity Hall except those having bedrooms, nor any room on the North side of Grays Hall, nor nos. 18, 30, and 42 in Conant Hall. Only the constant use of a room by night as well as by day will be regarded as occupation thereof. All persons who occupy College rooms are subject to the regulations of the Parietal Committee. Persons not connected with the University are not allowed to occupy College rooms. Tenants who desire to employ any one to make fires, black boots, &c., must arrange therefor with the porters of the buildings in which they live.

PRICES OF COLLEGE ROOMS.—1895-96.

In each case the price is for the whole room from the beginning of the Academic Year until the next Commencement, and includes the daily care of the room.

- \$25. College House, Nos. 13, 35.
- \$45. College House, Nos. 57 and 58.
- \$50. College House, Nos. 22, 44, 66.
- \$60. { College House, Nos. 3, 4, 6, 7, 8, 9, 10, 15, 16, 18, 19, 20, 25,
26, 27, 28, 30, 31, 32, 37, 38, 39, 40, 41, 42, 46, 48, 50, 52, 54,
60, 62, 64, 70; Grays, Nos. 33, 35.
- \$70. { Hollis and Stoughton, Nos. 1, 2, 3, 4, 18, 19, 20; Stoughton,
No. 17; College House, Nos. 11, 12, 33, 34, 47, 49, 51, 53, 59,
61, 63, 67, 68, 69.
- \$75. { College House, Nos. 1, 2, 21, 23, 24, 43, 45, 55, 65; Grays,
Nos. 3, 13, 15, 17, 19, 34, 37, 49, 51; Weld, Nos. 25, 26,
52, 53.
- \$90. { Hollis and Stoughton, Nos. 5, 6, 8, 9, 10, 12, 13, 14, 16, 22, 23,
24, 26, 27, 28.
- \$100. { Hollis and Stoughton Nos. 29, 32; Hollis, No. 17; Grays, Nos.
1, 7, 11, 14, 18, 21, 23, 25, 27, 29, 31, 36, 39, 41, 45; Weld,
Nos. 24, 27, 51, 54; Matthews, Nos. 27, 28, 57, 58; Wadsworth
House, Nos. 9 and 10, 11 and 12; College House, No.
29; Holyoke, Nos. 39, 45; Foxcroft House, No. 6; Walter
Hastings, No. 61.
- \$125. { Hollis and Stoughton, Nos. 11, 15, 25, 30, 31; Hollis, No. 21;
Grays, Nos. 2, 9, 16, 22, 26, 30, 40, 47, 50, 52; Matthews, Nos.
25, 26, 29, 30, 55, 56, 59, 60; Holyoke, No. 28; Thayer,
Nos. 17, 18, 19, 20, 23, 24, 41, 42, 47, 48, 65, 66; Walter
Hastings, Nos. 13, 22, 23, 32, 46, 59; Foxcroft House, Nos. 1,
2, 5; Perkins, Nos. 3, 4, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16,
18, 19, 20, 21, 22; Conant, Nos. 18, 30, 42.
- \$150. { Grays, Nos. 4, 6, 8, 10, 12, 20, 28, 32, 38, 42, 44, 46, 48; Holyoke,
Nos. 2, 3, 6, 11, 17, 40, 44, 46; Matthews, No. 6; Thayer, Nos.
1, 2, 3, 4, 18, 14, 15, 16, 25, 26, 30, 35, 36, 43, 44, 45, 46, 49,
50, 53, 59, 60, 63, 64, 67, 68; Foxcroft House, Nos. 3, 7, 8;
Walter Hastings, Nos. 45, 60; Perkins, Nos. 1, 2, 25, 26, 28 to
44, 47 to 66, and 69 to 88 inclusive.

- §175. { Thayer, Nos. 5, 6, 8, 9, 10, 11, 12, 21, 22, 31, 32, 37, 38, 39, 40,
 51, 52, 55, 56, 57, 58, 61, 62; Weld, Nos. 3, 5, 8, 13, 14, 19,
 20, 30, 32, 34, 35, 40, 41, 46, 47; Holyoke, Nos. 12, 29, 34;
 Perkins, Nos. 23, 24, 45, 46, 67, 68; Foxcroft House, No. 4.
- §200. { Thayer, Nos. 27, 28, 33, 34; Matthews, Nos. 3, 4, 10, 16, 22, 33,
 34, 46, 52; Holyoke, Nos. 18, 22, 23, 37, 41, 42, 43, 47, 48;
 Wadsworth House, No. 13; Weld, No. 1; Conant, Nos. 3, 4,
 5, 7, 8, 9, 10, 11, 12.
- §225. { Weld, Nos. 4, 6, 9, 12, 15, 18, 21, 22, 23, 31, 33, 39, 42, 45, 48,
 49, 50; Matthews, Nos. 5, 9, 15, 19, 20, 21, 39, 45, 49, 50, 51;
 Holyoke, Nos. 1, 26, 30, 31, 32, 35, 36, 50; Wadsworth House,
 Nos. 5 and 6; Walter Hastings, Nos. 20, 30, 42; Conant, Nos. 1,
 2, 15, 16, 19, 20, 21, 22, 23, 24, 27, 28, 29, 31, 32, 33, 34, 35, 36,
 39, 40, 41, 43, 44, 45, 46, 47, 48.
- §250. { Holworthy, Nos. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 15, 16, 17,
 18, 19, 21, 22, 23, 24; Weld, Nos. 2, 10, 11, 16, 17, 28, 29,
 37, 38, 43, 44; Matthews, Nos. 1, 2, 8, 13, 14, 23, 24, 31, 32,
 35, 36, 37, 38, 43, 44; Holyoke, Nos. 4, 9, 10, 13, 14, 15, 20,
 21, 24, 25, 38, 49; Wadsworth House, Nos. 3 and 4, 7 and 8;
 Walter Hastings, Nos. 14, 16, 18, 24, 26, 28, 33, 36, 39, 47, 50,
 53, 56; Conant, Nos. 13, 14, 25, 26, 37, 38.
- §275. Matthews, Nos. 53, 54; Holyoke, Nos. 8, 19.
- §300. { Matthews, Nos. 11, 12, 17, 18, 41, 42, 47, 48; Holyoke, Nos. 5,
 16, 27; Walter Hastings, Nos. 12, 21, 35, 38, 41, 44.
- §325. { Walter Hastings, Nos. 3, 6, 9, 11, 15, 17, 19, 25, 27, 29, 31, 34,
 37, 40, 43, 57, 58.
- §350. Walter Hastings, Nos. 1, 2, 4, 5, 7, 8, 10, 48, 49, 51, 54, 55.

DIVINITY HALL AND HOUSE.

Divinity Hall, the dormitory of the Divinity School, has been re-arranged and improved, and contains 42 rooms, ranging in price from \$40 to \$80. Divinity House, in the rear of Divinity Hall, contains 5 rooms.

All these rooms are primarily reserved for students of the Divinity School, and will not be assigned to other students until the Thursday on which the academic year begins. On that day a list of the rooms not previously engaged will be posted at the Bursar's office and applications may be made to him. The Dean of the Divinity School, however, reserves the right of discriminating between applications as the interests of the school may in his judgment dictate.

THE LAWRENCE SCIENTIFIC SCHOOL.

ADMINISTRATIVE BOARD.

NATHANIEL S. SHALER, S.D., *Dean, and Professor of Geology.*
HENRY B. HILL, A.M., *Professor of Chemistry.*
EDWIN H. HALL, Ph.D., *Assistant Professor of Physics.*
PAUL H. HANUS, S.B., *Assistant Professor of the History and Art of Teaching.*
IRA N. HOLLIS, *Professor of Engineering.*
JOHN E. WOLFF, Ph.D., *Assistant Professor of Petrography.*
GEORGE W. FITZ, M.D., *Assistant Professor of Physiology and Hygiene.*

MONTAGUE CHAMBERLAIN, *Secretary.*

STUDENTS.

DEPARTMENT OF CIVIL ENGINEERING.

Anderson, Hamlet,	1	Andover,	Manter Block 7.
Barclay, Robert Cochrane,	1	Cazenovia, N. Y.	C't 40.
Blake, George Baty, A.B. (<i>Harvard Univ.</i>) 1894,	S.	Boston,	Claverly 38.
Blye, Joseph Napoleon,	2	New York, N. Y.	Trinity 12.
Brine, Lewis Rowe,	1	Winchester,	68 Washington St., Winchester.
Bunting, James Ernest,	S.	Flushing, N. Y.	58 Wendell St.
Busch, Charles Valentine,	2	Buffalo, N. Y.	P. 2.
Butler, James Allen,	1	Wareham,	89 Hammond St.
Clarke, John Gray,	S.	Southbridge,	67 Oxford St.
Crocker, Paul,	1	Fitchburg,	25 Holyoke St.
Dakin, George Waters,	1	Roxbury,	20 Evergreen St., Roxbury.
Hale, Robert,	1	Auburndale,	12 Howland St.
Hauck, William,	3	Watertown,	Watertown Arsenal.
Hawkins, Don Price,	1	Indianapolis, Ind.	C't 39.
Henry, George Stuart,	4	Denver, Col.	M. 4.

Holland, Alexander,	3	New York, N. Y.	H'ke 25.
Hopkins, Stephen Upshur,	2	Onancock, Va.	11 Mellen St.
Horne, Harold Wellington, A.B.			
(Harvard Univ.) 1894,	3	Belmont,	Belmont.
Howe, Henry Adams,	4	Cambridge,	Felton Building 8.
Jacobson, Paul Franklin,	3	Cambridge,	53 Ellery St.
Lyman, Charles Frederick,	3	Boston,	Claverly 45.
McChesney, George H, Jr.	S.	Syracuse, N. Y.	Quincy 2.
Macurdy, John Ordway,	3	Watertown,	41 Fayette St., Watertown.
Mahoney, Daniel Lulus,	S.	Charlestown,	26 Tufts St., Charlestown.
Merryweather, Arthur Marwood,	3	Chicago, Ill.	W. H. 57.
Morris, Davis Harrington,	1	Chicago, Ill.	22 Leonard Ave.
Moses, Ernest Macbry,	2	Urbana, O.	41 Wendell St.
O'Connor, William Morgan,	1	San Francisco, Cal.	1208 Mass. Ave.
Outerbridge, Frank Roosevelt,	3	New York, N. Y.	W. H. 25.
Outerbridge, Samuel Roosevelt,	3	New York, N. Y.	W. H. 25.
Palmeter, George Fitch,	3	Chicago, Ill.	T. 36.
Perry, Chauncy Rusch,	4	New Ipswich, N. H.	90 Hammond St.
Rich, Walter Sears,	S.	Boston,	229 Berkeley St., [Boston.
Saldaña, Manuel Arturo,	3	San Juan, Porto Rico,	P. 42.
Sanders, William Huntington	S.	Salem,	Manter 4.
Saxman, Charles Warren,	3	Latrobe, Pa.	W. 29.
Shaw, Henry Milton,	S.	Greenville, Me.	C't 3.
Shepardson, Ernest Warren,	S.	Everett,	S. 10.
Stevenson, William Freeman,	2	Greenville, N. H.	1734 Cambridge St.
Tilden, Charles Joseph,	3	Milton,	T. 18.
Torrey, William Archer,	S.	Rockland,	52 Mt. Auburn St.
Verveer, Emanuel,	1	Boston,	53 Windsor St., Boston.
Whiting, Howard Earle,	3	Cambridge,	11 Ware St.
Whittren, Jacob Potter,	3	Providence, R. I.	C. 7.

DEPARTMENT OF ELECTRICAL ENGINEERING.

Baker, Malcolm Harlow,	3	Boston,	455 Mass. Ave.,
Bancroft, Alvin Warren,	4	Gardner,	P. 9. [Boston.
Benjamin, John Milton,	1	Boston,	773 Tremont St.,
Berry, Burton Judson,	2	Warwick, N. Y.	M. 26. [Boston.
Boettcher, Claud,	S.	Denver, Col.	1727 Cambridge St.
Brainard, Horace Bright,	1	Thompsonville, Ct.	P. 9.
Brandes, Juan Felix,	S.	Buenos Ayres, A. R.	12 Sumner St.

Bubb, Clarence Eugene,	S.	Williamsport, Pa.	W. H. 61.
Bull, Robert Wilson,	3	Buffalo, N. Y.	M. 21.
Busch, George Matthias,	S.	Buffalo, N. Y.	P. 2.
Chamberlin, John Bigelow,	3	Boston,	Ware 55.
Clark, William Edwin,	4	St. Albans, Vt.	City Building, Brattle Sq.
Davidge, Francis Stewart,	S.	Washington, D. C.	1601 Mass. Ave.
Davis, Edwin Horace,	S.	Worcester,	P. 65.
Davis, Philip Whitney, A.B.			
(Harvard Univ.) 1893,	4	Cambridge,	110 Irving St.
Day, Paul,	3	Hopedale,	P. 16.
Durward, Arthur, s.b. (Univ. of Colorado) 1893,	4	Valmont, Colo.	40 Mt. Auburn St.
Eaton, Joseph Jordan,	3	Atlantic,	81 Pemberton St.
Edgell, Fred Victor,	2	Boston,	49 Wendell St.
Emery, Augustus Bachelder,	1	Kansas City, Mo.	9 DeWolfe St.
Eveleth, Charles Mirick,	3	Cambridge,	18 Martin St.
Fedeler, John Henry,	2	Stockholm, Sweden,	C. 12.
Fincke, Benjamin Clarke,	S.	New York, N. Y.	Hilton Block 5.
Frothingham, Francis Edward, A.B. (Harvard Univ.) 1894,	3	Brooklyn, N. Y.	T. 39.
Gile, William Waitt,	2	Worcester,	1691 Cambridge St.
Gray, Guthrie,	2	Buffalo, N. Y.	Ware 55.
Harrison, James,	3	St. Louis, Mo.	Read's Block 12.
Hatch, Arthur Edwin,	S.	Lowell,	Lowell.
Hodges, Arthur Webster,	2	Newton,	Newton Centre.
Kellogg, Spencer, Jr.,	1	Buffalo, N. Y.	W. H. 10.
Kelsey, William Hargrave,	2	Cambridge,	82 Franklin St.
Kent, Alba Morgan,	1	Jamestown, N. Y.	22 Mt. Auburn St.
Leckie, William Murray,	2	Joplin, Mo.	W. H. 8.
Leech, Harry Spang, Jr.	S.	New York, N. Y.	96 Prescott St.
Lewis, Fred Charles,	2	Superior, Wis.	S. 12.
McCauley, Arthur Valerius Augustus Bernard,	S.	Reading, Pa.	3 Sumner St.
Martin, Charles Abbott,	2	Lowell,	61 Oxford St.
Mills, Charles Wilson,	4	Mt. Palatine, Ill.	H. 23.
Montague, Samuel Skerry,	2	Oakland, Cal.	G. 16.
Morton, Alex Amerton,	3	Wakefield,	T. 25.
Newton, Frederick Maurice,	1	New York, N. Y.	8 Story St.
Orton, Grosvenor Porter,	S.	Irvington-on-Hud- son, N. Y.	Lerner 11.
Partridge, Warren,	2	Newton,	24 Holyoke St.
Pierpont, Lawrence,	3	Chicago, Ill.	C't 31.

Pratt, Frederick Sanford, A.B.			
(<i>Harvard Univ.</i>) 1894,	4	<i>Newton,</i>	W. H. 45.
Radeliffe, William Hiram,	2	<i>Rhinebeck, N. Y.</i>	P. 4.
Rawalt, Chauncey Otis, A.B.			
(<i>Knox Coll.</i>) 1892, A.B.			
(<i>Harvard Univ.</i>) 1893,	4	<i>Galesburg, Ill.</i>	M. 27.
Rice, Orman Remington,	2	<i>Newport, R. I.</i>	77 Mt. Auburn St.
Schweppe, William Haskell,	1	<i>St. Louis, Mo.</i>	Ware 1.
Selfridge, Harold,	1	<i>Washington, D. C.</i>	H'ke 16.
Snow, Clarence,	2	<i>St. George, Utah,</i>	17 Beacon St., Somerville.
Stevens, Cabot,	4	<i>Cambridge,</i>	26 Gray St.
Stevens, Samuel Barron,	S.	<i>Rome, N. Y.</i>	Ware 5.
Tompkins, Thomas Davis,	S.	<i>Brooklyn, N. Y.</i>	C't 32.
Vaughan, John Fairfield,	4	<i>Cambridge,</i>	8 Garden St.
Wadley, George Pierce,	S.	<i>Portsmouth, N. H.</i>	W. H. 8.
Walker, Henry Pickering,	2	<i>Washington, D. C.</i>	1727 Cambridge St.
White, Otis Converse, Jr.	3	<i>Worcester,</i>	H'ke 37.
Whiting, Stephen Edgar,	3	<i>Cambridge,</i>	11 Ware St.
Wilder, Henry Merrill, A.B.			
(<i>Bowdoin Coll.</i>) 1893,	2	<i>Brownville, Me.</i>	9 Wendell St.
Williams, Charles Hoyt,	1	<i>Buffalo, N. Y.</i>	W. H. 10.
Woodward, Francke Leonard, S.		<i>Albany, N. Y.</i>	P. 22.
Wright, R Irving,	S.	<i>Denison, Tex.</i>	14 Greenough Ave.

DEPARTMENT OF MECHANICAL ENGINEERING.

Armistead, Daniel Webster			
Appleton,	1	<i>Newport, R. I.</i>	W. 33.
Bradley, Dudley Hall, Jr.	1	<i>Medford,</i>	Hilton Block 15.
Clark, Edward Lewis Center,	1	<i>Cambridge,</i>	33 Trowbridge St.
Clark, Thomas Welcome,	1	<i>Cambridge,</i>	48 Garden St.
Davis, Edwin Greeley,	S.	<i>Cambridge,</i>	465 Broadway.
Dow, Carl Stephen,	2	<i>Woburn,</i>	H. 2.
Engleman, William Peter,	S.	<i>Cherryville, Pa.</i>	C. 12.
Field, Samuel Bartlett,	S.	<i>Roselle, N. J.</i>	67 Oxford St.
Glycerio, Clovis,	S.	<i>Campinas, Brazil,</i>	1180 Mass. Ave.
Goodrich, Charles Cross, A.B.			
(<i>Harvard Univ.</i>) 1893,	3	<i>Cambridge,</i>	1 Hubbard Park.
Holt, Ralph Warren,	1	<i>Hudson,</i>	15½ Shepard St.
Irvin, Effingham Townsend,	1	<i>New York, N. Y.</i>	9 Bow St.
Libbey, Joseph Harold,	1	<i>Newton,</i>	M. 59.
McIntire, Frederic May,	S.	<i>Cambridge,</i>	1539 Mass. Ave.

Manning, Charles Bartlett,	1	Manchester, N. H.	H'y 7.
Marseilles, William Peter,	S.	Philadelphia, Pa.	W. 29. [Allston.
Marshall, John Francis,	1	Allston,	78 No. Beacon St.,
Percival, Arthur William,	2	Millbury,	P. 4.
Prall, Ralph Taylor,	S.	Cleveland, O.	40 Kirkland St.
Richards, John Bradford,	1	Andover,	61 Oxford St.
Robinson, Porter Osgood,	S.	Cambridge,	3 Clinton St.
Saldaña, Eduardo Egberto,	3	San Juan, Puerto Rico,	P. 70.
Scanlan, Charles Stewart,	S.	Louisville, Ky.	10 Oxford St.
Schwarzenberg, Eugene Mer-			[Oxford St.
ton,	1	Winthrop,	Hotel Beacon,
Souther, Allan Bartlett,	2	Somerville,	14 Pembroke St.,
			Somerville.
Wellington, Henry Wakefield,	1	Newton,	W. H. 5.
Wood, John William, Jr.	1	Cambridge,	40 Arlington St.

DEPARTMENT OF MINING ENGINEERING.

Bronson, Charles Webb,	1	Cambridge,	5 Buckingham Pl.
Gill, Paul Stanley,	1	Cleveland, O.	3 Sumner St.
Hero, James Edward,	2	New Orleans, La.	G. 14.
Johnson, Charles Edmondston,	2	Cambridge,	26 Lee St.
McCarthy, Edward Eugene,	2	Cambridge,	43 Irving St.
Seaver, Oscar Seidel,	1	Waban,	C. 61.

DEPARTMENT OF ARCHITECTURE.

Adams, Henry Saxton,	S.	Dorchester,	2 Gleason St.,
			Dorchester.
Blevins, Albert Henry,	1	Cambridge,	222 Putnam Ave.
Bumpus, Edward Avery,	S.	Quincy,	H'ke 31.
Cassidy, David Demarest, Jr.,	1	Amsterdam, N. Y.	H'ke 5.
Clark, Charles Arthur,	S.	Somerville,	C't 43.
Conklin, Mark MacDougall,	S.	Auburn, N. Y.	447 Green St.
Cook, George Lawrence,	S.	Dorchester,	502 Adams St.,
			Dorchester.
Corbin, Lawrence Paul,	1	Chicago, Ill.	56 Mt. Auburn St.
Fenno, Henry Bradlee,	1	Boston,	Little's Block 32.
Gade, John Allyne,	3	Christiania, Norway,	5 Berkeley St.
Harris, James Russell,	3	Philadelphia, Pa.	9 Linden St.
Hastings, Theodore Mitchell,	1	Philadelphia, Pa.	Little's Block 6.
Hood, Richard Percival, A.B.			[Longwood.
(Harvard Univ.) 1894,	2	Longwood,	Powell St.,
Hosmer, Ralph Sheldon, B.A.S.			[Dorchester.
(Harvard Univ.) 1894,	S.	Dorchester,	361 Neponset Ave.,

Hutchison, Percy Adams,	S.	Newtonville,	T. 83.
Jackson, Robert Fuller,	1	Minneapolis, Minn.	8 Prescott St.
Lewis, Kenneth Hastings,	S.	Boston,	Claverly 44.
McClintock, John Tilton,	S.	Dorchester,	268 Washington St.,
Nazro, William Edward Coffin,	S.	Dorchester,	W. 38. [Dorchester.
Procter, John Robert, Jr.,	1	Frankfort, Ky.	S. 27.
Ring, Henry Constant,	1	Winthrop,	43 Irving St.
Scott, Worthington, A.B. (<i>Ohio Wesleyan Univ.</i>) 1892,	2	Delaware, O.	D. 9.
Shurtleff, Arthur Asahel, s.B.			[Boston.
(<i>Mass. Inst. Tech.</i>) 1894,	4	Boston,	9 W. Cedar St.,
Tuckerman, Felix L,	1	Newport, R. I.	Little's Block 29.
Walker, Alexander Stewart,	1	Chicago, Ill.	Ware 50.
Whitfield, Henry Davis,	1	New York, N. Y.	31 Holyoke St.
Whitfield, John Clarke,	S.	Chicago, Ill.	58 Hammond St.
Willcutt, Joseph Michols,	S.	Cohasset,	Weld 38.
Williams, Hermann Warner,	1	Boston,	29 Chestnut St.,
Williams, Lombard,	1	Buffalo, N. Y.	Quincy 9. [Boston.

DEPARTMENT OF CHEMISTRY.

Bell, Stoughton,	3	Cambridge,	164 Brattle St.
Churchill, Winslow Ware,	S.	Milton,	10 Remington St.
Fuller, Robert Warren,	2	Boston,	G. 14.
Hancock, William Jerome,			
s.B. (<i>Maine State Coll.</i>) 1888,			
s.M. (<i>Ibid.</i>) 1892,	4	Yellow Springs, O.	47 Williams St.
Moore, James Harvey, s.B.			
(<i>Arkansas Industrial Univ.</i>) 1898,	4	Fayetteville, Ark.	74 Sacramento St.
Moulton, John Babcock,	S.	Boston,	54 Gloucester St.,
Reed, Ernest Albert,	S.	Townsend,	C. 26. [Boston.
Smith, Heber Lee,	S.	Philadelphia, Pa.	7 Sumner St.
Stiles, Chester Franklin,	2	Cambridge,	69½ Western Ave.
Teung, Chan Loon,	S.	China,	15 Avon St.

DEPARTMENT OF GEOLOGY.

Boutwell, John Mason,	2	Manchester, N. H.	40 Kirkland St.
Curtis, George Carroll,	S.	Brooklyn, N. Y.	T. 68.
Dudley, Henry Stuyvesant,	S.	New York, N. Y.	Beck 7.
Easton, Norman Salisbury,	4	Fall River,	W H. 32.
Fox, Francis Farmer,	S.	St. Louis, Mo.	18 Plympton St.
Hardon, Kenneth Wilson,	1	Newton,	1178 Mass. Ave.

Herman, Leopold Henry Pen-			
niman,	1	<i>Boston,</i>	88 Winthrop St.
Hews, James Tracy,	2	<i>Cambridge,</i>	11 Mason St.
Holmes, Harry Hazeltine,	<i>S.</i>	<i>Boston,</i>	Ware 49.
Huidekoper, Earle Calhoun,	<i>S.</i>	<i>Meadville, Pa.</i>	Claverly 15.
Ingraham, Phoenix,	<i>S.</i>	<i>New York, N. Y.</i>	Claverly 81.
Keeler, Henry Hawley,	4	<i>Ridgefield, Conn.</i>	W. 52.
Kendall, Hugh Fessenden,	1	<i>Cambridge,</i>	8 Garden St.
Monks, Lester Hawthorne,	1	<i>Brookline,</i>	5 Linden St.
Page, Logan Waller,	<i>S.</i>	<i>Richmond, Va.</i>	P. 27.
Parker, John Dalling,	2	<i>Cambridge,</i>	Ware 45.
Paschal, Samuel Scoville,	<i>S.</i>	<i>New York, N. Y.</i>	Ware 19.
Sears, John Henry,	<i>S.</i>	<i>Salem,</i>	7 Orne Sq., Salem.
Tanner, Caleb,	4	<i>Provo City, Utah,</i>	17 Beacon St., Somerville.
Woodman, Joseph Edmund,	2	<i>Cambridge,</i>	66 Hancock St.

DEPARTMENT OF BIOLOGY.

Barstow, James Stewart,	<i>S.</i>	<i>Gardiner, Me.</i>	P. 79.
Brinckerhoff, Walter Remsen,	2	<i>Matteawan, N. Y.,</i>	P. 52.
Brown, Percy Emerson,	<i>S.</i>	<i>Somerville,</i>	W. 11.
Davis, Fellowes, Jr.	3	<i>New York, N. Y.</i>	Read's Block 14.
Davis, George Adams,	3	<i>Worcester,</i>	P. 65.
Fernald, Merritt Lyndon,	<i>S.</i>	<i>Dover, Me.</i>	43½ Langdon St.
Field, William Lusk Webster,	<i>S.</i>	<i>Milton,</i>	Milton.
Folsom, Justus Watson,	4	<i>Cambridge,</i>	26 Trowbridge St.
Gibbs, David,	1	<i>Raven Rocks, N. J.</i>	49 Wendell St.
Hanna, Albert Smith,	<i>S.</i>	<i>Normal, Ill.</i>	325 Washington St., Somerville.
Kline, Linus Ward, L.I. (<i>Pea-</i> <i>body Normal Coll.</i>) 1889,	3	<i>Calverton, Va.</i>	C. 28.
Phelps, William Henry,	2	<i>Boston,</i>	M. 18. [Boston.
Rich, Winfield Scott,	<i>S.</i>	<i>Wellsfleet,</i>	44 Brendon St.,
Sornborger, Jewell David,	3	<i>Cambridge,</i>	101 Hammond St.
Tower, William Lawrence,	<i>S.</i>	<i>Westdale,</i>	C. 58.
Wheeler, Stuart Wadsworth,	1	<i>Philadelphia, Pa.</i>	Ware 50.

DEPARTMENT OF GENERAL SCIENCE.

Bird, Robert Clark,	1	<i>Cambridge,</i>	18 Bigelow St.
Blackburn, George Northrup,	1	<i>Cambridge,</i>	138 River St.
Boulton, Stanton Stockwell,	<i>S.</i>	<i>Greenfield, Ill.</i>	56 Mt. Auburn St.
Brent, Harry Kelly,	1	<i>Lexington, Ky.</i>	Ware 41.
Browne, Jacob H,	<i>S.</i>	<i>Louisville, Ky.</i>	W. H. 27.

Buckman, George,	2	<i>Penn Valley, Pa.</i>	14 Oxford St.
Burgess, Edward Guyer,	1	<i>Montclair, N. J.</i>	Beck 41.
Connor, Maurice James,	1	<i>Manchester, N. H.</i>	Trinity 6.
Crocker, Jacob Reese,	1	<i>New York, N. Y.</i>	Ware 12.
De Laittre, Karl,	2	<i>Minneapolis, Minn.</i>	W. H. 15.
Dodd, Arthur Adrian, B.S.D.			
<i>(State Normal School, Mo.)</i>			
1881, M.S.D. (<i>Ibid.</i>) 1886,	4	<i>Warrensburg, Mo.</i>	8 Gray St.
Felton, Walter Eben,	S.	<i>Newton,</i>	44 Brattle St.
Fenton, Harry Wheeler,	2	<i>Jamestown, N. Y.</i>	28 Holyoke St.
Fish, William Sampson,	1	<i>Milwaukee, Wis.</i>	379 Harvard St.
Foster, Charles Chauncey, A.B.			
<i>(Harvard Univ.) 1880, M.D.</i>			
<i>(Ibid.) 1883,</i>			
	S.	<i>Cambridge,</i>	8 Elmwood Ave.
Gause, John Rodney,	S.	<i>Wilmington, Del.</i>	G. 46.
Gibbs, Lucian Everett,	8	<i>Cambridge,</i>	45 Norfolk St.
Gibby, Harry Edgar,	1	<i>Roxbury,</i>	1132 Mass. Ave.
Gochenour, Jacob Scott,	2	<i>Big Mount, Pa.</i>	C. 69.
Hill, Hamilton,	S.	<i>Boston,</i>	Boston.
Holt, Edgar Garrison,	S.	<i>Lawrence,</i>	W. 21.
Howard, William Davis Merry,	1	<i>San Francisco, Cal.</i>	Hilton Block 32.
Hurley, Charles Ambrose,	1	<i>Lynn,</i>	7 Linden St.
Hurley, Edward Martin,	2	<i>Lynn,</i>	7 Linden St.
Kennedy, Gilbert Falconer,	4	<i>Rondout, N. Y.</i>	19 Rutland St.
Kenyon, Charles Henry,	S.	<i>Norwich, Conn.</i>	Trinity 2. [ton.
Lamprey, Hobart Uri,	1	<i>Boston,</i>	14 James St., Bos-
Libby, Arthur Allen,	S.	<i>Boston,</i>	687 Boylston St.,
Lowe, Frederick McKendrie,			Boston.
B.S.D. (<i>State Normal School,</i>			
<i>Mo.)</i>			
	4	<i>Lathrop, Mo.</i>	89 Hammond St.
MacKaye, James Medbery,	4	<i>Shirley,</i>	D. 35.
Mumford, Gurdon Saltonstall,	2	<i>New York, N. Y.</i>	T. 22.
Newhall, George Thomson,	S.	<i>Chestnut Hill, Pa.</i>	Ware 39.
Norton, Eckstein,	S.	<i>New Brighton, N. Y.</i>	Claverly 20.
Pierce, Clay Arthur,	1	<i>St. Louis, Mo.</i>	Beck 40.
Pierpont, George Walker,	1	<i>Chicago, Ill.</i>	C't 31.
Pierson, James Rhodes,	1	<i>New York, N. Y.</i>	Ware 1.
Popper, Arthur William,	1	<i>New York, N. Y.</i>	20 Prescott St.
Price, Wilfred Horace,	4	<i>Mattapan,</i>	G. 1.
Pruyn, Edward Lansing,	S.	<i>Albany, N. Y.</i>	W. H. 4.
Rabinovitch, Israel Euclid,	2	<i>Boston,</i>	C. 52.
Raudenbush, Harry William,	4	<i>Reading, Pa.</i>	42 Kirkland St.
Read, William, 2d,	2	<i>Cambridge,</i>	55 Appleton St.

Rice, George Tilly,	1	Boston,	454 Beacon St.,
Richardson, George Burr, s.b.			Boston.
(<i>Coll. City of N. Y.</i>) 1893,	4	New York, N. Y.	M. 29.
Rodger, John Duncan,	S.	St. Paul, Minn.	26 Trowbridge St.
Sawyer, Gordon Lodge,	1	Boston,	Hilton 24.
Sawyer, John Proctor,	1	Danvers,	S. 28.
Shoenfeld, Leonard Benjamin,			
s.b. (<i>Coll. City of N. Y.</i>)			
1893,	4	New York, N. Y.	Trinity 11.
Sleeper, Stephen Wescott,	S.	Boston,	Little's Block 5.
Sterling, Robert Dutcher,	3	St. Louis, Mo.	7 Linden St.
Tilton, Willis Page,	S.	Roxbury,	C. 55.
Tinker, Martin Buel, m.d.			
(<i>Jefferson Medical College</i>)			[Boston.
1892,	4	Granville,	537 Mass. Ave.,
Turnbull, Davis Francis,	4	New York, N. Y.	D. 28.
Utassy, George von,	1	Germantown, Pa.	Shepherd Block 4.
Wade, John Ross,	1	Hulton, Pa.	379 Harvard St.
Wadsworth, Craig Wharton,	S.	Geneseo, N. Y.	Beck 1.
Wentz, Daniel Bertsch,	S.	Mauch Chunk, Pa.	Ware 8.
Whittall, Matthew Percival,	1	Worcester,	Quincy 1.
Wood, Clement Biddle,	1	Philadelphia, Pa.	H'ke 38.

SCIENCE FOR TEACHERS.

Failing, Wilson Reuben,	1	Fort Plain, N. Y.	14 Howland St.
Howell, Alfred Van Buren,	1	Mattituck, N. Y.	14 Howland St.
Leonard, Merton Channing,	1	Bridgewater,	11 Wendell St.
Norton, Arthur Orlo,	S.	Stillman Valley, Ill.	70 Oxford St.
Serex, Frederic, A.B. (<i>Boston</i>			[Jamaica Plain.
<i>Univ.</i>) 1892,	S.	Jamaica Plain,	18 Cornwall St.,
Southworth, Edward Franklin,	S.	Quincy,	T. 18.
Sweet, Allan Kendrick,	S.	Cambridge,	1 Gorham St.
Wadsworth, Arthur Clinton,	1	Cambridge,	Woodbridge St.

DEPARTMENT OF ANATOMY, PHYSIOLOGY, AND PHYSICAL TRAINING.

Adams, Carl,	1	Newtonville,	26 Holyoke St.
Bibber, Harold Thornton,	S.	Bath, Me.	396 Harvard St.
Brower, Daniel Roberts, Jr.	1	Chicago, Ill.	C't 5.
Brown, Fred Phillips,	S.	Haverhill,	232 Mass. Ave.,
Carter, Charles Edgerton, A.B.			[Boston.
(<i>Oberlin Coll.</i>) 1894,	2	Tallmadge, O.	2 Trowbridge Ter.
Cliff, Alfred Addington,	S.	Boston,	P. 15.

Elliot, John Seaver,	<i>S. Manchester, N. H.</i>	42 Kirkland St.
Ellis, George Henry,	<i>S. Roxbury,</i>	12 Intervale St.,
Fuller, Fred Augustine,	<i>S. Bath, Me.</i>	C't 3. [Roxbury.
Hatch, Edward Sparhawk,	<i>S. Brighton,</i>	P. 15.
Hinds, Samuel Southey,	<i>S. Brooklyn, N. Y.</i>	81 Holyoke St.
Hobson, Willis Sanford,	3 <i>Lakewood, O.</i>	M. 45.
Holmes, Howard Fowler,	1 <i>Georgetown,</i>	88 Winthrop St.
Jennings, Albert T,	1 <i>Manistee, Mich.</i>	69 Oxford St.
Look, Jerome Bonoparte, Jr.	<i>S. Somerville,</i>	432 Medford St., Somerville.
Lowell, William Holbrook.	<i>S. Newton,</i>	169 Kenrick Park, Newton.
Manahan, Thomas James,	<i>S. Boston,</i>	Hilton Block 10.
Myer, James Walter,	<i>S. New York, N. Y.</i>	16 Oxford St.
Rich, Edwin Willis,	<i>S. Boston,</i>	W. 3.
Rogers, John Francis,	<i>S. Chicago, Ill.</i>	C. 30.
Spalding, Roger,	1 <i>Cambridge,</i>	T. 45. [Somerville.
Tozier, Charles Herman,	1 <i>Somerville,</i>	30 Thorpe Pl.,
Wales, Ernest de Wolfe,	<i>S. Braintree,</i>	W. H. 16.
Waterman, John Slater,	<i>S. E. Greenwich, R. I.</i>	27 Ellery St.
Whiton, Jesse Paulmier,	1 <i>New York, N. Y.</i>	Arnold Circle.

SUMMARY.

FOURTH YEAR STUDENTS	29
THIRD " "	39
SECOND " "	45
FIRST " "	91
SPECIAL " "	104
Total	308
CIVIL ENGINEERING	44
ELECTRICAL ENGINEERING	63
MECHANICAL ENGINEERING	27
MINING ENGINEERING	6
ARCHITECTURE	30
CHEMISTRY	10
GEOLOGY	20
BIOLOGY	16
GENERAL SCIENCE	59
SCIENCE FOR TEACHERS	8
ANATOMY, PHYSIOLOGY, AND PHYSICAL TRAINING	25
Total	308

THE SCIENTIFIC SCHOOL.

REQUIREMENTS FOR ADMISSION.

All candidates for admission must furnish testimonials of their good moral character. These testimonials should be forwarded through the mail by their writers to the Secretary of the School.

Candidates for admission will be examined in the following subjects: English, German or French, History, Algebra, Plane Geometry, Solid Geometry, Physics. Candidates who propose to register in the Department of General Science must offer either Experimental Physics or Chemistry, and those who propose to register in the department of Chemistry or in the department of Science for Teachers must offer both Experimental Physics and Chemistry.

Candidates for the department of Electrical Engineering and those for the department of Anatomy, Physiology, and Physical Training are advised to offer Experimental Physics.

Candidates for the department of Mining Engineering are advised to offer French and German and Advanced Mathematics.

English. — In 1895 and thereafter English may be offered either as a Preliminary or as a Final subject. After 1895 the examination in English will occupy two hours.

The candidate will be required to write a short composition on one of several subjects announced at the time of the examination, and also to correct specimens of bad English. In 1895 the subjects for the compositions will be drawn from one or more of the following works: —

Shakspeare's Merchant of Venice and Twelfth Night, Milton's L'Allegro, Il Penseroso, Comus, and Lycidas, Longfellow's Evangeline, the Sir Roger de Coverley Papers in the Spectator, Macaulay's Essays on Milton and Addison, Webster's first Bunker Hill Oration, Irving's Sketch Book, Scott's Abbott.

After 1895 the examination will consist of two parts, which, however, cannot be taken separately: —

II. The candidate will be required to write a paragraph or two on each of several topics chosen by him from a considerable number — perhaps ten or fifteen — set before him on the examination paper:

II. A certain number of books will be prescribed for careful study. This part of the examination will be upon subject-matter, literary form, and logical structure, and will also test the candidate's ability to express his knowledge with clearness and accuracy.

After 1895 there will be no examination in the correction of bad English.

☞ For books prescribed in 1896, 1897, and 1898 and for further information concerning requirements in English, see p. 197.

*German or French.** — The translation at sight either of simple German prose, or of ordinary French prose. The passages set for translation will be similar to those set at the final examinations in German A and French A respectively, — College courses each having three hours of instruction a week through the year. A knowledge of the language itself, rather than of the grammar, is expected; but proficiency in elementary grammar, or facility in writing the language, will be accepted as an offset for some deficiency in translation. It is recommended that from the outset attention be given to pronunciation.

History (including Historical Geography). — Either (1) History of Greece and Rome; or (2) History of the United States and of England.

The following works will serve to indicate the amount of knowledge demanded in History: Oman's History of Greece; Allen's History of the Roman People (the whole), or Leighton's History of Rome (to the death of Commodus); Higginson's Young Folks' History of the United States (to the end of Chapter XXI.), and Johnston's History of the United States for Schools (beginning at § 269); Guest and Underwood's Handbook of English History (to the year 1793), or Gardiner's Student's History of England through Part IX.

The following selections are recommended for additional reading and will be made the basis of optional questions in the examination: † —

For Greek History: Curtius's History of Greece, Book I. Ch. I., Book II. Ch. IV., and Book III. Ch. III.

For Roman History: Beesly's The Gracchi, Marius, and Sulla; Tighe's Development of the Roman Constitution.

For American History: Lodge's English Colonies, Chapters II. and XXII.; Morse's John Quincy Adams, Chapters II. and III.; Josiah Quincy's Figures of the Past.

* Candidates from countries in which English is not spoken may defer the entrance examination in French or German to the end of their first year of residence.

† Candidates who take the questions on the Selections will be allowed to omit some of the questions on the corresponding Manual.

For English History : Macaulay's History of England, Chapters I. and III.

Algebra, through Quadratic Equations. (The requirement in Algebra embraces the following subjects : factors, common divisors and multiples, fractions, ratios and proportions ; negative quantities and the interpretation of negative results ; the doctrine of exponents ; radicals and equations involving radicals ; the binomial theorem for positive integral exponents and the extraction of roots ; putting questions into equations, and the reduction of equations ; the ordinary methods of elimination, and the solution of both numerical and literal equations of the first and second degrees, with one or more unknown quantities, and of problems leading to such equations.)

Plane Geometry.

Solid Geometry. The following book will serve to indicate the nature and amount of the requirements in Solid Geometry :—

Chauvenet's Geometry, revised and abridged (Philadelphia : J. P. Lippincott & Co.). Books VI., VII., VIII., and IX.

Physics. — Either (1) Astronomy (Young's Lessons in Astronomy, Ginn & Co., omitting the appendix) and Physics (Avery's Elements of Natural Philosophy,* or Gage's Elements of Physics) ; or (2) a course of experiments not less than forty in number performed at school by the pupil. These must be selected from a list issued by the University under the title of a Descriptive List of Elementary Physical Experiments, or must be approved by the Department of Physics as the equivalent of those contained in this list.

DEFICIENCIES.

A candidate may be admitted in spite of deficiencies in some of these studies ; but no candidate so admitted will be advanced to Third-Year standing in the School until he has made good such deficiencies to the satisfaction of the Administrative Board of the School.

The exact number of deficiencies with which a candidate may be admitted cannot be named in advance, since each case is considered on its merits.

No student in the Engineering courses will be advanced to Second-Year standing until all his admission deficiencies in Mathematics are made good to the satisfaction of the Administrative Board.

* The following portions of the 1885 edition may be omitted :—sections I. and II. of chap. I. (excepting arts. 23-30), arts. 254-267, 346-349, 371, 411-415, 446-455, 404-467, 470-476, 707-714, 720-745, and the whole Appendix.

OPTIONAL SUBJECTS.

In addition to these *required* subjects there are others, given in the following list, which may well be offered by candidates for the Scientific School. They are called Advanced Studies in the requirements for admission to Harvard College.

Students who have passed the examinations at admission in any of these Advanced Studies, or in any studies required in the School, will be given credit for the courses so passed and may substitute for them others chosen with the approval of the Administrative Board.

Logarithms and Trigonometry. Wheeler's Logarithms (Cambridge: Sever) or the unbracketed portions of Pierce's Elements of Logarithms (Boston: Ginn & Co.). Wheeler's Plane Trigonometry (same publishers). Problems in Plane Trigonometry (Cambridge: Sever). Pierce's Mathematical Tables (Boston: Ginn & Co.).*

Analytic Geometry. Briggs's Analytic Geometry (New York: Wiley & Co.).

Advanced Algebra. Wentworth's College Algebra (Boston: Ginn & Co.), to article 498, omitting Chapters XIX., XX., XXIV., XXV., XXVII., XXVIII. The examination will be occupied mainly with the portions of Algebra, as thus defined, which are not included in the elementary requirement in Algebra; but elementary questions will not necessarily be excluded.

Physics. A course of at least sixty experiments in addition to those of Elementary Physics (2), selected from the same or similar manuals, and covering the same subjects, but demanding more skill and more knowledge of physical theories and laws.

Chemistry. A course of at least sixty experiments in General Chemistry actually performed at school by the pupil.

NOTE-BOOKS AND LABORATORY EXAMINATIONS.

In Elementary Physics (2) (and in Advanced Physics, and in Chemistry, if these subjects are offered), the candidate will be required to pass both a written and a laboratory examination. The written examination will test his knowledge of experiments and experimenting as well as his knowledge of principles and results. The laboratory examination will test his skill in experimenting. The candidate will be required to hand in the original note-book in which he recorded the steps and results of the experiments

* Candidates are required to use at the examinations the four place tables provided by the University.

which he performed at school; and this note-book must bear the endorsement of his teacher, certifying that the notes are a true record of the pupil's work. The note-book in Physics should contain an index of the exercises which it describes.

A candidate who offers Elementary or Advanced Physics or Chemistry will hand in his laboratory note-book at *the hour of the written examination*.

Laboratory note-books will be deposited, after examination, in the office of the Secretary of the University, No. 5 University Hall, where they will be kept for a reasonable time, subject to the order of the owners.

A candidate examined in June at any place where a laboratory examination is not provided will be required to take such examination in Cambridge in the autumn on the day and at the place named below (p. 264); but if he passes the written examination in June and presents a satisfactory note-book, the subject will be counted in his favor in determining the question of his admission to College. A similar postponement of the laboratory examination is allowed to a candidate who offers Experimental Physics at his *preliminary* examination.

Most pupils will need lectures or other oral explanations in addition to the descriptions given in the laboratory manuals. When it is impossible to provide lectures, two text-books treating the subject from different points of view will be advantageous.

Descriptive lists of experiments which will meet the requirements in Physics and Chemistry may be procured of the Harvard Coöperative Society, or of CHARLES W. SEVER, Bookseller, Harvard Square, Cambridge.

A set of recent examination papers will be sent free to any address, on application to the Secretary of the School. Separate papers used during the last two years in any subject may be had by the *dozen* copies (or more) of any *one* paper at ten cents a dozen.

DIVISION OF THE EXAMINATION.

Candidates for admission may be examined in all the subjects at a single examination in June or September; or they may be examined in part of the subjects in June of one year, and in the remaining subjects in the June or September of the following year; or the examination may be divided between the June and September examinations of the same year; but, in case the examination is divided, the student must at the first examination pass in at least two of the subjects, or his work at this examination will not be counted to his credit.

TIMES AND PLACES OF EXAMINATIONS.

All examinations are held at the same times and places, and under the same conditions, as those for admission to Harvard College.

Candidates for admission to the Lawrence Scientific School will fill out blanks specially prepared for them.

Two regular examinations for admission are held each year, — one at the beginning of the summer vacation, and the other at the beginning of the academic year in the autumn.

First Examination.

In 1895, the *first examination* will be held on Tuesday, Thursday, Friday, and Saturday, June 25, 27, 28, and 29, in the following places: In *Cambridge*, in Sever Hall; in *Quincy*, in the rooms of the Adams Academy; in *Andover*, in the rooms of the Phillips Academy; in *Groton*, in the rooms of the Groton School; in *Southborough*, in the rooms of St. Mark's School; in *Worcester*, in Curtis Hall, the Young Men's Christian Association building, Elm Street; in *Exeter, N. H.*, in the rooms of Phillips Exeter Academy; in *Concord, N. H.*, in the rooms of St. Paul's School; in *Portland, Me.*, in the rooms of the Portland High School; in *Lakeville, Conn.*, in the rooms of the Hotchkiss School; in *New York, N. Y.*, in the lecture-room of the Young Men's Christian Association, Twenty-third Street, corner of Fourth Avenue; in *Albany, N. Y.*, in the rooms of the Young Men's Christian Association; in *Buffalo, N. Y.*, in the High School building, corner of Court and Franklin Streets; in *Philadelphia, Pa.*, in the rooms of the Young Men's Christian Association building, corner of Fifteenth and Chestnut Streets; in *Washington, D. C.*, in the rooms of the Young Men's Christian Association; in *Cleveland, O.*, in the Central High School building; in *Cincinnati, O.*, in the rooms of the Law School, College Building, Walnut Street; in *Chicago, Ill.*, in the rooms of the Chicago Athenæum, Van Buren Street; in *Minneapolis, Minn.*, in the Lecture-room of the Public Library building; in *St. Louis, Mo.*, in the Board of Education building, corner of Ninth and Locust Streets; in *Omaha, Neb.*; in *Denver, Col.*, in the rooms of the Denver High School (District No. 1), corner of Nineteenth and Stout Streets; in *San Francisco, Cal.*, in the rooms of the Mechanics' Institute, 31 Post St.; in *Belmont, Cal.*, in the rooms of the Belmont School; in *Portland, Oregon*; in *Bonn, Germany*, at the Hotel Kley

The university will ordinarily conduct the admission examinations in June in any school or city where the number of candidates for examination, preliminary or final, shall be not less than ten; provided that the school or city be not within easy reach of one of the regular places of examination.

Applications for examinations in June, in schools or cities not named above, should be made to the Secretary of Harvard University as early as the 1st of April.

Candidates who wish to take the examinations in the advanced studies must assemble punctually at 8.30 o'clock A.M. on the *first* day of the examination (Tuesday, June 25); all other candidates must present themselves at 8 o'clock A.M. on Thursday, June 27.

Candidates who wish to be examined in any place other than Cambridge, are required to give notice to the Secretary of the *University*. The notice must be in the Secretary's hands not later than June 10. Candidates who intend to take any of the examinations of the first day must mention this intention in the notice.

No fee is charged for examination in Cambridge.

A fee of five dollars must be paid in advance by every candidate who is examined at any place other than Cambridge. The whole fee of a candidate who purposes to divide his examination between two years is payable before his first examination: it should be sent by check, post-office order, or registered letter to CHARLES F. MASON, *Bursar*, Cambridge, Mass., and should be in the Bursar's hands not later than June 10.

Persons who do not intend to enter the School will be admitted to the examinations at other places than Cambridge on payment of a fee of five dollars; and, if successful, will receive certificates to that effect.

Second Examination.

The *second examination* will be held in *Cambridge only*, on Thursday, Friday, Saturday, and Monday, September 19, 20, 21, and 23.

All candidates for the Scientific School must present themselves punctually at 8 A.M. on Thursday, Sept. 19.

ORDER OF EXAMINATIONS.

Tuesday June 25, and Monday, Sept. 23.

- 9-10. Advanced Chemistry (written examination),
- 10½-11½. Advanced Physics (written examination).
- 11½-12½. Advanced Algebra.
- 12½-1½. Analytic Geometry.

Friday, June 28, and Friday, Sept. 20.

- 8-9. Elem. Physics. 11½-12½. History.
- 9½-10½. Plane Geometry. 1½-2½. English.
- 10½-11½. Algebra.

Saturday, June 29, and Saturday, Sept. 21.

- 10½-11½. Log. and Trigonometry. 1½-2½. Elem. French (French A).
- 11½-12½. Solid Geometry. 2½-3½. Elem. German (German A).

The stated time for the laboratory examination in Elementary Experimental Physics is Thursday, Friday, and Saturday of the examination periods; in Advanced Physics and Chemistry, Tuesday of the June period and Monday of the September period. These examinations are on these days held in Cambridge only, and appointments for them will be made as soon as practicable after the first general assembling of all the candidates.

In June, classes from schools in the vicinity of Cambridge may, by special arrangement, take the laboratory examinations in Physics and Chemistry on earlier days.

Laboratory examinations in Physics and Chemistry, but only for those who have previously passed the written examination and received a provisional mark (see p. 261), will be held as follows: Elementary and Advanced Physics on Wednesday, September 25, at 2 P.M. in the Jefferson Physical Laboratory, (these examinations, however, may, if desired, be taken at the stated times as given above); Advanced Chemistry on Thursday, September 26, at 2 P.M. in Boylston Hall.

ADMISSION TO ADVANCED STANDING.

A candidate may be admitted to advanced standing either by passing examinations in all the studies already pursued by the class for which he offers himself, in addition to the entrance examinations; or from another scientific school or college upon such conditions as the Administrative Board may deem equitable in each case, regard being had to the applicant's previous course of study, and to the evidence of proficiency exhibited by him.

The successful study of any subject in Harvard College will be taken as an equivalent for the same subject in the Scientific School; but no graduate of the College will be given a Scientific School degree without at least one full year's work in the School.

SPECIAL STUDENTS.

The courses of study in the Scientific School are open to persons who satisfy the Administrative Board of the School of their fitness to pursue the particular courses they elect, although they have not passed the usual examinations for admission. These students are known as Special Scientific Students; they are members of the School from the time of their admission, but are not candidates for the degrees given by the School.

At the beginning of each year Special Students must submit their choice of studies for approval. They will be required to take each year four full courses selected from among the following: Courses in Mathematics,

Engineering, Physics, Chemistry, Geology, Botany, or Zoölogy, and any courses in other departments which are prescribed in the several departments of study for the degree of S.B.

At least one-half of the work of each Special Student must be taken from the regular programme of the department of study in which he registers.

Candidates who cannot otherwise show that they are competent to pursue subjects which are protected by entrance examinations, must pass satisfactory tests before entering these courses.

Exceptional cases may be referred to the Administrative Board by petition.

Special Students are subject to all the regulations of the School. A report of their work is sent to their parents or guardians at the end of the year.

The Administrative Board reserves the right to deprive any Special Student of his privileges at any time, if he abuse or fail to use them.

A certificate of proficiency will be given, if desired, to any Special Student who has faithfully pursued his chosen subjects throughout a year and attained a grade not lower than Grade *B* therein.

FORM OF APPLICATION.

Persons who wish to enter the School with Advanced Standing or as Special Students will be furnished with printed forms of application by the Secretary of the *School*. The form must be filled out and returned to the Secretary before the application will be considered by the Administrative Board of the School.

REGISTRATION.

Every student is required to present himself for registration, at a place announced on the bulletin boards of the School, on the Wednesday before, or on Thursday, the first day of the academic year, between the hours of 9 A.M. and 1 P.M., and not later than 12 o'clock noon on the first week day after the Christmas recess and after the April recess. He is further required to enroll himself at the first exercise in each of his studies, prescribed and elective; or, in case he has obtained leave to change his studies, at the first exercise after his admission to the new course.

Special Students who are already members of the School, and candidates whose applications have been approved by the committee, will present themselves for registration on the same days and at the same place as Regular Students.

DEPARTMENTS OF STUDY IN THE SCHOOL.

The courses are selected mainly from the Courses of Instruction provided by the Faculty of Arts and Sciences and described at length on pp. 64-181, under the headings which are here given in the brackets.

Department of Engineering.

CIVIL AND TOPOGRAPHICAL ENGINEERING.

The student's attention is called to the requirement of five weeks' work in the field at the end of the first and second year; this work is a continuation of the courses in surveying and railroad engineering. Those who pass the entrance examination in French will be required to take one year of French and one year of German. Those who pass the entrance examination in German will be required to take two years of French.

The subject of the thesis must be selected at the end of the third year and work in reference to it must be begun during the following Summer.

Students will receive credit for all advanced studies passed at the entrance examination. It will be found advantageous to prepare in the mathematics of the first year before entering the School.

Students who complete this course and pass the required examinations and present a satisfactory thesis will receive the degree of Bachelor of Science in Civil and Topographical Engineering.

First Year.

Plane Trigonometry, Advanced Algebra, Plane Analytic Geometry (Engineering 1a). Messrs. LOVE and ASHTON.

Mechanical Drawing. — Descriptive Geometry (Engineering 3a). Messrs. MOSES, A. N. JOHNSON, and PERRY.

Land Surveying (Engineering 4a). Messrs. TURNER and PERRY.

General Descriptive Physics (Physics 1). Asst. Professor HALL.

Rhetoric and English Composition (English A). Professors A. S. HILL and BRIGGS, and Messrs. HURLBUT, COPELAND, LAMONT, BOYNTON, HART, and DAMON.

Elementary French (French A). Mr. BABBITT.

Required of students who did not offer French at their examination for admission. Or

Advanced French (French 1b). Asst. Professor SANDERSON and Mr. LA MESLÉE.

Second Year.

*Solid Analytic Geometry, Differential and Integral Calculus (Engineering 1c). Mr. LOVE.

Structural and Machine Drawing (Engineering 3c, *first half-year*). Mr. MOSES.

Mechanism (Engineering 3d, *second half-year*). Mr. MOSES.

Geodesy (Engineering 4c, *first half-year*). Mr. TURNER.

Railroad Engineering (Engineering 4d, *second half-year*). Mr. TURNER.

General Descriptive Chemistry (Chemistry 1). Professor JACKSON.

Lectures and Field Exercises in Geology (Geology 4). Professor SHALER and Mr. DODGE.

English Composition. — Exercises in writing themes. — Lectures (English BC.) Messrs. BAKER, HURLBUT, and HALL.

Advanced French (French 1b). Asst. Professor SANDERSON and Mr. LA MESLÉE. Or

Elementary German (German A). Mr. NICHOLS, Dr. BIERWIRTH, and Mr. CALKINS.

Third Year.

Analytical and Applied Mechanics (Engineering 5a, *first half-year*). Professor HOLLIS.

Resistances of Materials (Engineering 5c, *second half-year*). Professor HOLLIS.

Hydraulics (Engineering 6a, *first half-year*). Mr. TURNER.

Experimental Hydraulics (Engineering 13d, *first half-year*). Mr. TURNER.

Sanitary Engineering (Engineering 6c, *second half-year*). Mr. RICE.

Descriptive Astronomy (Engineering 2a, *first half-year*). Dr. WILLSON.

Practical Astronomy (Engineering 2b, *second half-year*). Dr. WILLSON.

Metallurgy (Engineering 18a, *first half-year*). Mr. TORREY.

Common Roads (Engineering 4e, *second half-year*). Mr. McCLINTOCK.

Physical Geography (Geology 2¹, *first half-year*). Professor DAVIS and Mr. GRISWOLD.

Meteorology (Geology 1², *first half-year*). Professor DAVIS and Mr. WARD.

* The course marked Engineering 4b will be given instead of Engineering 1c in 1904-05.

Fourth Year.

Bridges and Buildings (Engineering 7a). Mr. L. A. JOHNSON.

Masonry and Timber Structures (Engineering 8a, *second half-year*).
Mr. L. J. JOHNSON.

Hydraulic Motors (Engineering 6b, *second half-year*). Mr. L. J. JOHNSON.

Experimental Hydraulics (Engineering 13d, *second half-year*). Mr.
L. J. JOHNSON.

Machinery and Boilers (Engineering 11a, *first half-year*). Mr. MARKS.

Industrial Applications of Electricity (Engineering 16a, *first half-year*).
Mr. ADAMS.

Contracts and Specifications (Engineering 22). Mr. CONANT.

Irrigation (Engineering 6d, *second half-year*). Mr. TURNER.

Economics of Machinery (Engineering 21). Professor HOLLIS.

Preparation of Thesis.

One course, or two half-courses, must be chosen for the fourth year in addition to those required above, the subject to be selected with the approval of the Engineering Department. The following are recommended as suitable courses from which a selection may be made:—

English Composition (English 12). Messrs. GARDINER and YOUNG.

European History (History 1). Asst. Professor CHANNING and Dr.
COOLIDGE.

History of the United States (History 13). Asst. Professor HART.

The Principles of Common Law (Government and Law 17). Mr. CONANT.

Principles of Political Economy (Economics 1). Professor ASHLEY,
Asst. Professor CUMMINGS, Dr. J. CUMMINGS and Mr. CLOW.

Railway Transportation (Economics 5¹, *half-course*). Mr. VIRTUE.

Tariff Legislation (Economics 6², *half-course*). Professor TAUSSIG.

ELECTRICAL ENGINEERING.

The students' attention is called to the shopwork, a large part of which may be taken by five weeks' Summer work at the end of the first and second years. Those who pass the entrance examination in German will be required to take one year of French and one year of German. Those who pass the entrance examination in French will be required to take two years of German.

The subject of the thesis must be selected at the end of the third year and work in reference to it must be begun during the following Summer.

Students will receive credit for all advanced studies passed at the entrance examination. It will be found advantageous to prepare in the mathematics of the first year before entering the school.

Students who complete this course and pass the required examinations and present a satisfactory thesis will receive the degree of Bachelor of Science in Civil and Electrical Engineering.

An additional year will be provided for those who wish to make an extended study of the mathematical theory of Electricity.

First Year.

Plane Trigonometry, Advanced Algebra, Plane Analytic Geometry (Engineering 1a). Messrs. LOVE and ASHTON.

Mechanical Drawing.—Descriptive Geometry (Engineering 3a). Messrs. MOSES, A. N. JOHNSON, and PERRY.

Shopwork.—Use of Tools (Engineering 10a, *first half-year*). Rindge School and Professor HOLLIS.

Shopwork.—Blacksmithing (Engineering 10b, *second half-year*). Rindge School and Professor HOLLIS.

Experimental Physics (Physics C). Messrs. SABINE and McLAUGHLIN. Or General Descriptive Physics (Physics 1). Asst. Professor HALL.

Rhetoric and English Composition (English A). Professors A. S. HILL and BRIGGS and Messrs. HURLBUT, COPELAND, LAMONT, BOYNTON, HART, and DAMON.

Elementary German (German A). Mr. NICHOLS, Dr. BIERWIRTH, and Mr. CALKINS.

Required of students who did not offer German at their examination for admission. Or

Advanced German.—Subjects in Natural Science (German 1c). Mr. COAR.

Second Year.

*Solid Analytical Geometry.—Differential and Integral Calculus (Engineering 1c). Mr. LOVE.

Structural and Machine Drawing (Engineering 3c, *first half-year*). Mr. MOSES.

Mechanism (Engineering 3d, *second half-year*). Mr. MOSES.

* The course marked Engineering 4b will be given instead of Engineering 1c in 1894-95.

Shopwork. — Pattern Making and Foundry (Engineering 10c and 10d, *first half-year*). Rindge School and Professor HOLLIS.

Shopwork. — Machine Tools (Engineering 10e, *second half-year*). Rindge School and Professor HOLLIS.

Electrostatics, Electrokinematics, and Electromagnetism (Physics 3). Professor B. O. PEIRCE and Mr. DUANE.

General Descriptive Chemistry (Chemistry 1). Professor JACKSON.

English Composition (English BC). Messrs. BAKER, HURLBUT, and HALL.

Advanced German. — Subjects in Natural Science (German 1e). Mr. COAR. Or

Elementary French (French A). Mr. BABBITT.

Third Year.

Analytical and Applied Mechanics (Engineering 5a, *first half-year*). Professor HOLLIS.

Resistance of Materials (Engineering 5c, *second half-year*). Professor HOLLIS.

Dynamo Electric Machinery. — Continuous Current (Engineering 16c and 16d). Messrs. ADAMS and SHAW.

Machinery and Boilers (Engineering 11a, *first half-year*). Mr. MARKS.

Steam Engine and Boilers. — Details (Engineering 11b, *second half-year*). Mr. MARKS.

Thermodynamics of the Steam Engine (Engineering 12a, *second half-year*). Mr. MARKS.

Electrodynamics, Magnetism, and Electromagnetism (Physics 4). Professor TROWBRIDGE and Mr. SABINE.

Thermodynamics (Physics 6¹, *first half-year*). Asst. Professor HALL.

Fourth Year.

Dynamo Electric Machinery. — Alternating Current (Engineering 16e and 16f). Messrs. ADAMS and SHAW.

Hydraulics (Engineering 6a, *first half-year*) Mr. TURNER.

Hydraulic Motors (Engineering 6b, *second half-year*). Mr. L. J. JOHNSON.

Testing Machinery and Boilers (Engineering 13b). Mr. MARKS.

Contracts and Specifications (Engineering 22). Mr. CONANT.

Economics of Machinery (Engineering 21). Professor HOLLIS.

Preparation of Thesis.

One course, or two half courses, must be chosen for the fourth year in addition to those required above, the subject to be selected with the approval of the Engineering Department. The following are recommended as suitable courses from which a selection may be made. [This does not apply to those who take a fifth year] :—

English Composition (English 12). Messrs. GARDINER and YOUNG.

European History (History 1). Asst. Professor CHANNING and Dr. COOLIDGE.

History of the United States (History 13). Asst. Professor HART.

The Principles of Common Law (Government and Law 17). Mr. CONANT.

Principles of Political Economy (Economics 1). Professor ASHLEY, Asst. Professor CUMMINGS, Dr. J. CUMMINGS and Mr. CLOW.

Railway Transportation (Economics 5², *half-year*). Mr. VIRTUE.

Tariff Legislation (Economics 6², *half-year*). Professor TAUSSIG.

ADVANCED COURSE IN ELECTRICAL ENGINEERING.

The following advanced course is provided for those students who wish to devote a fifth year to the study of the higher theories of electricity :—

Third Year.

Differential and Integral Calculus (second course) (Mathematics 5). Professor BYERLY.

Taken in addition to courses already provided in the third year.

Fourth Year.

Trigonometric Series.—Spherical Harmonics (Mathematics 10). Professors BYERLY and B. O. PEIRCE.

Taken in addition to courses already provided in the fourth year.

Fifth Year.

Mathematical Theory of Electrostatics and Electrokinematics (Physics 9). Professor B. O. PEIRCE.

Mathematical Theory of Electrodynamics and Electromagnetism (Physics 10). Asst. Professor HALL.

Practical Work and Thesis.

MECHANICAL ENGINEERING.

The student's attention is called to the shopwork, a large part of which may be taken by five weeks' Summer work at the end of the first and second years. Those who pass the entrance examination in German will be required to take one year of French and one year of German. Those

who pass the entrance examination in French will be required to take two years of German.

The subject of the thesis must be selected at the end of the third year and work in reference to it must be begun during the following Summer.

Students will receive credit for all advanced studies passed at the entrance examination. It will be found advantageous to prepare in the Mathematics of the first year before entering the school.

Students who complete this course and pass the required examinations and present a satisfactory thesis will receive the degree of Bachelor of Science in Mechanical Engineering.

First Year.

Plane Trigonometry, Advanced Algebra, Plane Analytic Geometry (Engineering 1a). Messrs. LOVE and ASHTON.

Mechanical Drawing. — Descriptive Geometry (Engineering 3a). Messrs. MOSES, A. N. JOHNSON, and PERRY.

Shopwork. — Use of Tools (Engineering 10a, *first half-year*). Rindge School and Professor HOLLIS.

Shopwork. — Blacksmithing (Engineering 10b, *second half-year*). Rindge School and Professor HOLLIS.

General Descriptive Physics (Physics 1). Asst. Professor HALL.

Rhetoric and English Composition (English A). Professors A. S. HILL and BRIGGS, and Messrs. HURLBUT, COPELAND, LAMONT, BOYNTON, HART, and DAMON.

Elementary German (German A). Mr. NICHOLS, Dr. BIERWIRTH, and Mr. CALKINS.

Required of students who did not offer German at their examination for admission. Or

Advanced German. — Subjects in Natural Science (German 1c). Mr. COAR.

Second Year.

*Solid Analytic Geometry, Differential and Integral Calculus (Engineering 1c). Mr. LOVE.

Structural and Machine Drawing (Engineering 3c). Mr. MOSES.

Mechanism (Engineering 3d, *second half-year*). Mr. MOSES.

Shopwork. — Pattern Making and Foundry (Engineering 10c and 10d, *first half-year*). Rindge School and Professor HOLLIS.

Shopwork. — Machine Tools (Engineering 10c, *second half-year*). Rindge School and Professor HOLLIS.

* The course marked Engineering Ab will be given instead of Engineering 1c in 1894-95.

Metallurgy (Engineering 18a, *first half-year*). Mr. TORREY.
General Descriptive Chemistry (Chemistry 1). Professor JACKSON.
English Composition (English BC). Messrs. BAKER, HURLBUT, and FULTON.
Advanced German. — Subjects in Natural Science (German 1c). Mr. COAR. Or
Elementary French (French A). Mr. BABBITT.

Third Year

Analytical and Applied Mechanics (Engineering 5a, *first half-year*). Professor HOLLIS.
Resistance of Materials (Engineering 5c, *second half-year*). Professor HOLLIS.
Machinery and Boilers (Engineering 11a, *first half-year*). Mr. MARKS.
Steam Engines and Boilers — Details (Engineering 11b, *second half-year*). Mr. MARKS.
Thermodynamics of the Steam Engine (Engineering 12a, *second half-year*). Mr. MARKS.
Practical Management of Steam Machinery (Engineering 13a). Mr. MARKS.
Machine Design (Engineering 14a). Mr. MOSES.
Thermodynamics (Physics 6¹, *first half-year*). Asst. Professor HALL.

Fourth Year.

Testing Machines and Boilers (Engineering 13b). Mr. MARKS.
Machine Design (Engineering 14b). Mr. ———
Industrial Application of Electricity (Engineering 16a, *first half-year*). Mr. ADAMS.
Hydraulics (Engineering 6a, *first half-year*). Mr. TURNER.
Hydraulic Motors (Engineering 6b, *second half-year*). Mr. L. J. JOHNSON.
Heating and Ventilation (Engineering 12c, *second half-year*). Mr. MARKS.
Contracts and Specifications (Engineering 22). Mr. CONANT.
Economics of Machinery (Engineering 21). Professor HOLLIS.
Preparation of Thesis.

One course, or two half-courses, must be chosen for the fourth year in addition to those required above, the subject to be selected with the approval of the Engineering Department.

The following are recommended as suitable courses from which a selection may be made :

English Composition (English 12). Messrs. GARDINER and YOUNG.

European History (History 1). Asst. Professor CHANNING and Dr. COOLIDGE.

History of the United States (History 13). Asst. Professor HART.

The Principles of Common Law (Government and Law 17). Mr. CONANT.

Principles of Political Economy (Economics 1). Professor ASHLEY, Asst. Professor CUMMINGS, Dr. J. CUMMINGS and Mr. CLOW.

Railway Transportation (Economics 5², *half-year*). Mr. VIRTUE.

Tariff Legislation (Economics 6², *half-year*). Professor TAUSSIG.

MINING ENGINEERING.

The student's attention is called to the requirement of Summer work in the field at the end of the first, second, and third years. Those who pass the entrance examination in French will be required to take either German or Spanish for one year; while those who pass the entrance examination in German will be required to take one year of French or Spanish. Students will receive credit for all advanced studies passed at the entrance examination. It will be found advantageous to prepare in the mathematics of the first year and in both French and German before entering the School.

Students who complete this course and pass the required examination will receive the degree of Bachelor of Science in Mining Engineering.

First Year.

Plane Trigonometry, Advanced Algebra, Plane Analytical Geometry (Engineering 1a). Mr. LOVE.

Mechanical Drawing, Descriptive Geometry (Engineering 3a). Messrs. MOSES and JOHNSON.

Surveying, Plotting, and Topographical Drawing, — Levelling (Engineering 4a). Mr. TURNER.

*Experimental Physics (Physics B). Asst. Professor HALL and Mr. L. D. HILL.

General Descriptive Chemistry (Chemistry 1). Professor JACKSON.

Rhetoric and English Composition (English A). Professors A. S. HILL and BRIGGS, and Messrs. HURLBUT, COPELAND, LAMONT, BOYNTON, HART, and DAMON.

Elementary German (German A). Mr. NICHOLS, Dr. BIERWIRTH, and Mr. CALKINS. Or

Elementary French (French A). Mr. BABBITT. Or

Elementary Spanish (Spanish 1b). Dr. MARCOU.

* Physics B need not be taken by those who have passed in Elementary Physics at admission.

Second Year.

*Solid Analytical Geometry, Differential and Integral Calculus (Engineering 1c). Mr. LOVE.

Structural and Machine Drawing (Engineering 3c). Mr. MOSES.

Mechanism (Engineering 3d). Mr. MOSES.

Railroad Engineering (Engineering 4d). Mr. TURNER.

Mineralogy (Chemistry 2). Asst. Professor WOLFF and Mr. WHITTLE.

Qualitative Analysis (Chemistry 3). Professor H. B. HILL.

Elementary Geology (Geology 4). Professor SHALER, and Messrs. DODGE and DALY.

Stratigraphical Geology (Geology S2). Professor BRIGHAM and Mr. KUMMEL.

Geological Surveying (Geology 11). Mr. H. L. SMYTHE.

English Composition (English BC). Messrs. BAKER, HURLBUT, and FULTON.

Third Year.

Analytical and Applied Mechanics (Engineering 5a). Professor HOLLIS.

Resistance of Materials (Engineering 5c.) Professor HOLLIS.

Metallurgy (Engineering —). Given in 1895-96.

Quantitative Analysis (Chemistry 4). Asst. Professor RICHARDS.

Mining Geology (Geology 10). Mr. H. L. SMYTHE.

Petrography (Geology 12). Asst. Professor WOLFF.

Assaying.

Geology S8. Professors SHALER and DAVIS, and Asst. Professor WOLFF.

Fourth Year.

Hydraulics (Engineering 6a). Mr. TURNER.

Machinery and Boilers (Engineering 11a). Professor HOLLIS.

Mining (Engineering —). Given in 1896-97.

Ore-dressing (Engineering —).

Industrial Applications of Electricity (Engineering 16a). Mr. ADAMS.

Metallurgical Chemistry (Chemistry —). Given in 1896-97.

Economical Geology (Geology 18). Professor WHITNEY.

Geological field work (Geology 22b). Professor SHALER.

Mining Law. Given in 1896-97.

* The course marked Engineering Ab will be given instead of Engineering 1c in 1894-95.

Department of Architecture.

The following schedule sets forth the studies required of those persons who are candidates for the degree of S.B. in Architecture. By anticipating any of these studies at the entrance examination or by passing in the equivalent courses in the Summer School, students gain the time to take any of the electives offered by the Faculty of Arts and Sciences.

Students who complete this course and present a satisfactory thesis will receive the degree of S.B. in Architecture.

First Year.

Technical and Historical Development of Ancient Architecture, with especial reference to Greece and Rome (Architecture 1a). Asst. Professor WARREN.

Architectural Drawing (Architecture 2a). Messrs. NEWTON and BEMIS.

Principles of Delineation and Freehand Drawing (Fine Arts 1). Asst. Professor MOORE.

Mathematics (Engineering 1a). Mr. LOVE.

Physics B (*half-course*). Asst. Professor HALL and Mr. L. D. HILL.

Rhetoric and English Composition (English A). Professors A. S. HILL and BRIGGS and Messrs. HURLBUT, COPELAND, LAMONT, BOYNTON, HART, and DAMON.

Elementary German (German A). Mr. NICHOLS, Dr. BIERWIRTH, and Mr. CALKINS. Or

Elementary French (French A). Mr. BABBITT.

Second Year.

Freehand Drawing from Architectural Subjects (Architecture 3a). Asst. Professors MOORE and WARREN.

Technical and Historical Development of the Mediaeval Styles of Architecture (Architecture 1b). Asst. Professor WARREN.

Elementary Architectural Design (Architecture 4a). Asst. Professor WARREN and Mr. NEWTON.

English Composition (English BC). Messrs. BAKER, HURLBUT, and HALL.

Advanced German (German 1a, 1b, or 1c). Asst. Professor SCHILLING, Mr. NICHOLS, or Mr. COAR. Or

Advanced French (French 1a). Asst. Professor DE SUMICHRAST, Dr. MURE, Dr. MARCOU, and Mr. BABBITT.

Descriptive Geometry, Shades and Shadows, Perspective, Stereotomy (parts of Engineering 1 and 3). Mr. MOSES.

Mechanics and Strength of Materials (Engineering 5). Professor HOLLIS.

Third Year.

Freehand Drawing from Architectural Subjects (Architecture 3b). Asst. Professor WARREN and Mr. NEWTON.

Technical and Historical Development of the Renaissance and Modern Styles (Architecture 1c). Asst. Professor WARREN.

Architectural Design (intermediate course) (Architecture 4b). Asst. Professor WARREN and Mr. NEWTON.

History of Ancient Art (Fine Arts 3, or Fine Arts 4). Professor NORTON.

Building Construction (Engineering 8a). Mr. L. J. JOHNSON.

Greek 10. Private Life of the Greeks as illustrated by Works of Art. Professor WHITE. Or

Latin 10. Private life of the Romans as illustrated by Works of Art. Professor GREENOUGH.

Fourth Year.

Freehand Drawing from Architectural Subjects (Architecture 3c). Asst. Professor WARREN and Mr. NEWTON.

Architectural Design (advanced course) (Architecture 4c). Asst. Professor WARREN and Mr. NEWTON.

Modelling. *Once a week for two and a half or three hours.*

History of Roman and Medieval Art (Fine Arts 4, or Fine Arts 3). Professor NORTON.

Geology and Mineralogy of Building Stones (first half-year). (Geology 28). Asst. Professor WOLFF.

Greek 10. Private Life of the Greeks as illustrated by Works of Art. Professor WHITE.

Latin 10. Private Life of the Romans as illustrated by Works of Art. Professor GREENOUGH.

One Elective to be chosen with the consent of the department.

Thesis.

Department of Chemistry.

This course of study is intended for students preparing to become practical chemists or teachers of the science.

Candidates who propose to register in this department must offer at their examination for admission Experimental Physics and Chemistry.

Students who complete this course, pass the required examination and present a satisfactory thesis, will receive the degree of Bachelor of Science in Chemistry.

First Year.

General Descriptive Chemistry (Chemistry 1). Professor JACKSON.

Mineralogy (Chemistry 2). Asst. Professor WOLFF and Mr. WHITTLE.

Plane Trigonometry, Advanced Algebra, and Plane Analytic Geometry (Engineering 1a). Mr. LOVE.

Rhetoric and English Composition (English A). Professors A. S. HILL and BRIGGS, and Messrs. HURLBUT, COPELAND, LAMONT, BOYNTON, HART, and DAMON.

Elementary German (German A). Mr. NICHOLS, Dr. BIERWIRTH, and Mr. CALKINS.

Required of students who did not offer German at their examination for admission. Or

Elementary French (French A). Mr. BABBITT.

Required of students who did not offer French at their examination for admission.

Second Year.

Qualitative Analysis (Chemistry 3). Professor H. B. HILL.

Quantitative Analysis (Chemistry 4). Asst. Professor RICHARDS.

Experimental Physics (Physics C). Messrs. SABINE and McLAUGHLIN. Or

General Descriptive Physics (Physics 1). Asst. Professor HALL.

Mechanical Drawing (Engineering 3a, *first half-year*). Mr. MOSES.

English Composition (English BC). Messrs. BAKER, HURLBUT, and HALL.

Advanced French (French 1b). Asst. Professor SANDERSON and Mr. LA MESLÉE.

Third Year.

Quantitative Analysis (Chemistry 4a). Asst. Professor RICHARDS.

The Carbon Compounds (Chemistry 5). Professor H. B. HILL.

Chemical Philosophy (Chemistry 8). Asst. Professor RICHARDS.

Elementary Botany (Botany 1). Professor GOODALE.

Elementary Zoölogy (Zoölogy 1). Dr. DAVENPORT.

Advanced German (German 1c). Mr. COAR.

Fourth Year.

Advanced Problems in Inorganic Chemistry (Chemistry 6). Dr. BANCROFT.

Advanced study and research with preparation of a thesis (Chemistry 20).

Department of Geology.

The studies in this department are designed to furnish a special training for those who wish to prepare themselves for duty in Government Geological Surveys or for teaching. The studies may, on special application to the Administrative Board of the School, be varied to meet the wants of individual students beyond the limits indicated in the programme. Those who make a good use of the opportunities afforded by the Summer Schools,* held under the direction of the professors in the department, may shorten the course of study to three years. All students are required to take one of the advanced courses in Geology during one of their summer vacations. Students who design entering the School in the autumn of any year are advised to take the summer course in Elementary Geology, which is regarded as the equivalent of Geology 4 and 5.

Students who complete the above course and pass the required examinations will receive the degree of Bachelor of Science in Geology.

First Year.

Elementary Geology (Geology 4). Professor SHALER, Messrs. DODGE and DALY.

General Descriptive Physics (Physics 1). Asst. Professor HALL.

Determinative Mineralogy (Chemistry 2). Asst. Professor WOLFF and Mr. WHITTLE.

Rhetoric and English Composition (English A). Professors A. S. HILL and BRIGGS, and Messrs. HURLBUT, COPELAND, LAMONT, BOYNTON, HART, and DAMON.

Elementary German (German A). Mr. NICHOLS, Dr. BIERWIRTH, and Mr. CALKINS.

Required of students who did not offer German at their examination for admission. Or

Elementary French (French A). Mr. BABBITT.

Required of students who did not offer French at their examination for admission.

Second Year.

Meteorology (Geology 1). Professor DAVIS and Mr. WARD.

Physical Geography (Geology 2). Professor DAVIS and Mr. GRISWOLD.

General Critical Geology (Geology 8). Mr. J. B. WOODWORTH.

Elementary Zoölogy (Zoölogy 1). Dr. DAVENPORT.

*Summer Schools, replacing the work in the following named College electives, will be given in 1895: Geology 4 and 22, Physics C, Engineering 1, 2 and 4, German A, and French A.

Elementary Botany (Botany 1). Professor GOODALE.

General Descriptive Chemistry (Chemistry 1). Professor JACKSON.

English Composition (English *BC*). Messrs. BAKER, HURLBUT, and HALL.

Advanced German (German 1*b*). Mr. NICHOLS.

Third Year.

Geological field work (Geology 22*a*). Professors SHALER and DAVIS, Asst. Professor WOLFF, and Mr. GRISWOLD.

Petrography (Geology 13). Asst. Professor WOLFF.

Palaeontology (Geology 14). Professor SHALER and Dr. JACKSON.

Mining Geology (Geology 10). Mr. H. L. SMYTHE.

Geological Surveying (Geology 11). Mr. H. L. SMYTHE.

Mechanical Drawing (Engineering 1). Mr. MOSES.

Surveying, Plotting, and Topographical Drawing (Engineering 2). Mr. TURNER.

Forensics. — Lectures on Argumentative Composition (English *C*). Messrs. BAKER, LAMONT, and HALL.

Fourth Year.

Historical Geology (Geology 15). Professor SHALER and Dr. JACKSON.

Mineral Veins and Metalliferous Deposits (Geology 25). Professor WHITNEY.

And one of the following courses: —

Glacial Geology (Geology 16). Mr. J. B. WOODWORTH.

Geological field work (second course) (Geology 22*b*). Professors SHALER and DAVIS, Asst. Professor WOLFF, and other instructors in the department.

Physical Geography (second course) (Geology 20). Professor DAVIS.

Petrographical Research (second course) (Geology 28). Asst. Professor WOLFF.

Pre-Cambrian Geology of North America (Geology 27). Mr. H. L. SMYTHE.

A thesis embodying the results of field and laboratory work.

Professors SHALER and DAVIS, Asst. Professor WOLFF, and Messrs. GRISWOLD, SMYTHE, and WOODWORTH, will oversee and direct the work, in the field or library, of advanced special students in Geology.

Department of Botany and Zoölogy.

Students who complete this course and pass the required examinations and present a satisfactory thesis will receive the degree of Bachelor of Science in Botany and Zoölogy.

First Year.

Elementary Zoölogy (Zoölogy 1). Dr. DAVENPORT.

Morphology of Animals (Zoölogy 2). Dr. PARKER.

Elementary Botany (Botany 1). Professor GOODALE.

Morphology of Plants (Botany 2). Asst. Professor THAXTER.

Lectures on Geology (Geology 4). Professor SHALER, and Mr. DODGE.

Experimental Physics (Physics C). Messrs. SABINE and McLAUGHLIN. Or
General Descriptive Physics (Physics 1). Asst. Professor HALL.

Rhetoric and English Composition (English A). Professors A. S. HILL and
BRIGGS, and Messrs. HURLBUT, COPELAND, LAMONT, BOYNTON,
HART, and DAMON.

Elementary German (German A or B). Mr. NICHOLS, Dr. BIERWIRTH,
and Mr. CALKINS, or Dr. POLL.

Required of students who did not offer German at their examination
for admission. Or

Elementary French (French A). Mr. BABBITT.

Required of students who did not offer French at their examination
for admission.

Second Year.

Botany (Botany 3). Professor GOODALE.

Comparative Anatomy of Vertebrates (Zoölogy 3). Dr. PARKER.

Physical Geography and Meteorology (Geology 2 and 1). Professor
DAVIS and Messrs. GRISWOLD and WARD.

General Descriptive Chemistry (Chemistry 1). Professor JACKSON.

English Composition. — Lectures and discussions of themes (English BC).
Messrs. BAKER, HURLBUT, and HALL.

Advanced German (German 1a, 1b, 1c, or C). Asst. Professor SCHILLING,
Mr. NICHOLS, Mr. COAR, or Associate Professor BARTLETT, and
Dr. BIERWIRTH.

Third Year.

Cryptogamic Botany (Botany 4). Professor FARLOW and Asst. Professor
THAXTER.

Microscopical Anatomy (Zoölogy 4). Professor MARK and Dr. W. McM.
WOODWORTH.

Embryology of Vertebrates (Zoölogy 5). Professor MARK.

This course is required of those who propose research in Zoölogy in the fourth year.

Qualitative Analysis (Chemistry 8) Professor H. B. HILL.

General Introduction to Philosophy (Philosophy 1). Professors PALMER and JAMES, and Dr. SANTAYANA.

Advanced French (French 1a or 1b). Asst. Professor DE SUMICHRAST, Dr. MURE, Dr. MARCOU, and Mr. BABBITT, or Asst. Professor SANDERSON and Mr. LA MESLÉE.

Fourth Year.

In the fourth year the student is required to pursue some original investigation under the direction of one of the Instructors in the Department. During the first week of the year he must arrange with his special Instructor the plan of study which he proposes. At the end of the year he must present a thesis, giving the results of his studies.

The courses in which research can be conducted are the following:—

Structure, Development, Physiology, and Economics of Phanerogams (Botany 20a). Professor GOODALE.

Structure and Development of Cryptogams (Botany 20b). Professor FARLOW and Asst. Professor THAXTER.

Anatomy and Development of Animals (Zoölogy 20a). Professor MARK.

Comparative Osteology (Zoölogy 20c). Dr. SLADE.

Department of General Science.

This department is intended for those who wish to lay a broad foundation for subsequent special work in science. It prescribes elementary courses in Mathematics, Physics, Chemistry, Geology, Botany, and Zoölogy, and also affords the opportunity for more advanced work in one of these departments. At the beginning of the third year the student must select the department to which he wishes to give special attention, and the courses which he elects in the third and fourth years must have the approval of that department.

Students who complete this course and pass the required examinations will receive the degree of Bachelor of Science.

First Year.

Analytic Geometry (Mathematics C). Asst. Professor BÔCHER.

Lectures and Field work in Geology (Geology 4). Professor SHALER and Messrs. DODGE and DALY.

*Experimental Physics (Physics *B*). Asst. Professor HALL and Mr. L. D. HILL. Or

*Experimental Chemistry (Chemistry *B*). Mr. TORREY.

Rhetoric and English Composition (English *A*). Professors A. S. HILL and BRIGGS and Messrs. HURLBUT, COPELAND, LAMONT, BOYNTON, HART, and DAMON.

Elementary German (German *A*). Mr. NICHOLS, Dr. BIERWIRTH, and Mr. CALKINS.

Required of students who did not offer German at their examination for admission. Or

Elementary French (French *A*). Mr. BABBITT.

Required of students who did not offer French at their examination for admission.

Second Year.

Differential and Integral Calculus (Mathematics 2). Asst. Professor OSGOOD.

General Descriptive Chemistry (Chemistry 1). Professor JACKSON.

Experimental Physics (Physics *C*). Messrs. SABINE and McLAUGHLIN. Or

General Descriptive Physics (Physics 1). Asst. Professor HALL.

Freehand Drawing (Fine Arts 1). Asst. Professor MOORE. Or

Mechanical Drawing (Engineering 1). Mr. MOSES.

Advanced German (German 1a, 1b, or 1c). Asst. Professor SCHILLING, Mr. NICHOLS, or Mr. COAR.

Third Year.

Qualitative Analysis (Chemistry 3). Professor H. B. HILL.

Elementary Zoölogy (Zoölogy 1). Dr. DAVENPORT.

Elementary Botany (Botany 1). Professor GOODALE.

Advanced French (French 1a or 1b). Asst. Professor DE SUMICHRIST, Dr. MURE, Dr. MARCOU, and Mr. BABBITT, or Asst. Professor SANDERSON and Mr. LA MESLÉE.

Also two other courses chosen by the student with the approval of the department selected.

Fourth Year.

In the fourth year the student will pursue a course of study which meets the approval of the department which he has already selected.

* Candidates who enter this department must offer at their examination for admission either Experimental Physics or Chemistry, and must take as part of their first year's work whichever one of these two courses they have omitted from their admission subjects.

Department of Science for Teachers.

This department is intended for those who wish to qualify themselves to teach science in secondary schools, and for those who wish to become departmental teachers of science in the elementary schools. It prescribes courses in Mathematics, Physics, Chemistry, Botany, Zoölogy, Geology and Physical Geography, Psychology, the General Principles of Education, the History of Education, the Organization and Management of Schools and Classes, and Methods of teaching Science in Elementary and Secondary Schools, and offers a voluntary summer course in Physical Training. It also affords the student an opportunity, through certain options, to specialize as he proceeds through the course. Candidates for this department are required to present both Experimental Physics and Chemistry, in the admission examination, and are strongly advised to offer both French and German.

Students who complete this course and pass the required examinations will receive the degree of Bachelor of Science in Science for Teachers.

First Year.

Rhetoric and English Composition (English A). Professors A. S. HILL and BRIGGS and Messrs. HURLBUT, COPELAND, LAMONT, BOYNTON, HART, and DAMON.

Elementary German (German A). Mr. NICHOLS, Dr. BIERWIRTH, and Mr. CALKINS. Or

Advanced German (German 1c). Mr. COAR. Or

Elementary French (French A). Mr. BABBITT. Or

Advanced French (French 1b). Asst. Professor SANDERSON and Mr. LA MESLÉE.

Students are not permitted to take French 1b or German 1c until they have passed in the corresponding elementary course.

Elementary Psychology (Philosophy 1). Professors PALMER and JAMES and Dr. SANTAYANA.

Advanced Algebra, Trigonometry, and Analytic Geometry (Engineering 1a). Mr. LOVE.

Descriptive Chemistry (Chemistry 1). Professor JACKSON.

Gymnastics and Athletics (voluntary).

Second Year.

English Composition (English B). Messrs. LAMONT, GARDINER, YOUNG, and ABBOTT. Or

English Composition (English 22). Messrs. GATES, FARLEY and MOODY.

Advanced French (French 1b). Asst. Professor SANDERSON and Mr. LA MESLÉE. Or

Advanced German (German 1c). Mr. COAR.

Students who have already taken French 1b or German 1c must take some other course in German or French which they are qualified to pursue, or some course in Science selected from the programme of the third year.

Introduction to Educational Theory (Philosophy 18). Asst. Professor HANUS.

Experimental Physics (Physics C). Messrs. SABINE and McLAUGHLIN.

Elementary Zoölogy (Zoölogy 1). Dr. C. B. DAVENPORT.

Elementary Botany (Botany 1). Professor GOODALE.

Elementary Geology (Geology 4). Professor SHALER and Messrs. DODGE and DALY.

Geological field-work — Summer course (voluntary) (Geology S2)

Gymnastics and Athletics (voluntary)

Third Year.

Argumentative Composition (English C). Messrs. BAKER, LAMONT, and HALL.

Psychology (Philosophy 2). Professor MÜNSTERBERG.

History of Educational Theories and Practices (Philosophy 16). Asst. Professor HANUS.

Qualitative Analysis (Chemistry 3). Professor H. B. HILL.

Morphology of Plants (Botany 2). Asst. Professor THAXTER. And

Morphology of Animals (Zoölogy 2). Dr. G. H. PARKER. Or

General Descriptive Physics (Physics 1). Asst. Professor HALL.

Physical Geography (Geology 1). Professor DAVIS and Mr. GRISWOLD. And

Meteorology (Geology 2). Professor DAVIS and Mr. WARD. Or

Systematic Mineralogy (Chemistry 2). Asst. Professor WOLFF and Mr. WHITTLE. Or

Quantitative Analysis (Chemistry 4). Asst. Professor RICHARDS.

Gymnastics and Athletics (voluntary).

Summer Course in Physical Training (voluntary).

Fourth Year.

Organization and Management of Schools (Philosophy 17.) Asst. Professor HANUS.

Graduates and other students who are properly qualified may take the Pedagogical Seminary (Philosophy 20f) instead of Philosophy 17. The Seminary is open only to the most advanced students.

Methods of Teaching in Elementary and Secondary Schools (Philosophy 19). Asst. Professor HANUS and others.

Elementary Physiology and Hygiene of Common Life (Hygiene 1). Asst. Professor G. W. FITZ.

And three courses chosen from the following and from the electives of the third year, which were not taken in that year.

Botany (second course) (Botany 3). Professor GOODALE.

Comparative Anatomy of Vertebrates (Zoölogy 3). Dr. G. H. PARKER.

Physical Geography — advanced course (Geology 20). Professor DAVIS.

Geological field-work (Geology 22). Mr. GRISWOLD, in coöperation with Professors SHALES and DAVIS and Asst. Professor WOLFF.

Geological field-work — Summer course (Geology 82). Professor BRIGHAM and Mr. KUMMEL.

Mechanical Drawing (Engineering 3a). Mr. MOSES.

Differential and Integral Calculus (Mathematics 2). Professor BYERLY.

Analytic Geometry (Mathematics C). Professor BYERLY.

Department of Anatomy, Physiology, and Physical Training.

This department is intended to afford a training for those who expect to take charge of gymnasiums as well as for those who wish to obtain a general education preparatory to the study of medicine. Those who complete the course of studies may, on graduation, be admitted to the second year of the Harvard Medical School.

The course of study in this department includes, besides the professional training, extended work in Biology, Physics, Chemistry, English and French or German; it thus affords opportunities for a general culture in addition to the body training.

The work in the Gymnasium is intended to give a systematic and thorough training of the body, and at the same time a familiarity with the drill in the exercises needed for teaching. Associated with this is the study of human anatomy analytically and synthetically leading to a comprehension of the body as a working machine, and the inter-relation of its parts. The students are taught to measure individuals and to classify them into types. Corrective exercises are studied and applied.

A large and well equipped laboratory has been organized for experimental study of the physiology of exercise.

Students who complete this course of study and pass the required examinations will receive the degree of Bachelor of Science in Anatomy, Physiology, and Physical Training.

First Year.

*Experimental Physics (Physics B). Asst. Professor HALL and Mr. L. D. HILL.

For those who do not offer Experimental Physics at admission.

Elementary Zoölogy (Zoölogy 1). Dr. DAVENPORT.

Morphology of Animals (Zoölogy 2). Dr. G. H. PARKER.

Morphology of Plants (Botany 2). Asst. Professor THAXTER.

Personal Hygiene (*half-course*). Asst. Professor G. W. FITZ.

General Descriptive Chemistry (Chemistry 1). Professor JACKSON.

Rhetoric and English Composition (English A). Professors A. S. HILL and BRIGGS, and Messrs. HURLBUT, COPELAND, LAMONT, BOYNTON, HART, and DAMON.

Elementary German (German A). Mr. NICHOLS, Dr. BIERWIRTH, and Mr. CALKINS.

Required of students who did not offer German at their examination for admission. Or

Elementary French (French A). Mr. BABBITT.

Required of students who did not offer French at their examination for admission.

Gymnastics and Athletics. Dr. SARGENT and Mr. LATHROP.

Second Year.

Comparative Anatomy of Vertebrates (Zoölogy 3). Dr. G. H. PARKER.

General Elementary Geology (Geology 4). Professor SHALER and Messrs. DODGE and DALY. Or

Physical Geography and Meteorology (Geology 2 and 1). Professor DAVIS and Mr. GRISWOLD or Mr. WARD.

Experimental Physics (Physics C). Messrs. SABINE and McLAUGHLIN. Or

General Descriptive Physics (Physics 1). Asst. Professor HALL.

Qualitative Analysis (Chemistry 3). Professor H. B. HILL.

English Composition (English BC). Messrs. BAKER, HURLBUT, and HALL.

Gymnastics and Athletics. Dr. SARGENT and Mr. LATHROP.

*Physics B may be omitted by those students who have passed in Experimental Physics for admission.

Third Year.

(AT THE MEDICAL SCHOOL).

General Anatomy and Dissection. Professor DWIGHT, Drs. DEXTER, CONANT, and MUNRO.

General Physiology. Professors BOWDITCH and PORTER.

Histology. Professor C. S. MINOT and Dr. QUINCY.

Hygiene. Drs. HARRINGTON and DURGIN.

Foods and Cooking. Boston Cooking School.

Medical Chemistry. Professor HILLS, and Drs. WORCESTER and WENTWORTH.

Auscultation and Percussion. Drs. GARLAND, GANNETT, and WITHINGTON.

Gymnastics and Athletics. Dr. SARGENT and Mr. LATHROP.

Fourth Year.

Psychology (Philosophy 2). Professor MÜNSTERBERG.

Anthropometry (*half-course*). Dr. SARGENT.

Applied Anatomy and Animal Mechanics (*half-course*). Dr. SARGENT.

Physiology of Exercise (Experimental Physiology). Asst. Professor G. W. FITZ.

Remedial Exercises (*half-course*). Dr. SARGENT and Asst. Professor G. W. FITZ.

History of Physical Education (*half-course*). Drs. SARGENT and Asst. Professor G. W. FITZ.

Forensics (English C). Messrs. BAKER, LAMONT, and HALL.

Gymnastics and Athletics. Dr. SARGENT and Mr. LATHROP.

Practical exercises in general gymnastics and athletics will be given during the four years under the direction of Dr. SARGENT, Mr. LATHROP, and other special instructors. Opportunities will also be afforded for teaching physical exercises, as soon as the pupils are prepared to give instruction.

Students in this department are also required to attend a summer course of five weeks in which they will receive instruction intended to supplement the courses required to be followed during term-time. Students are advised to offer for admission the Experimental Physics in place of the text-book alternative.

REDUCTION OF THE COURSE TO THREE YEARS.

If a student has anticipated studies amounting to a substantial portion of the work of the first year, and desires to fulfil the requirements for the degree in three years, he may apply to the Administrative Board for leave so to do, specifying in his application the manner in which he proposes to arrange his studies for that purpose. The Administrative Board will decide on such applications according to the circumstances in each case.

INSTRUCTION IN OTHER DEPARTMENTS OF THE UNIVERSITY.

All students of the Scientific School may, if found competent, pursue any of the courses of instruction given in the other departments of the University, except exercises carried on in the special laboratories, without additional charge, but this provision does not apply to Special Students unless they pay the full tuition fee of \$150.

DEGREES.

THE DEGREE OF BACHELOR OF SCIENCE. — The degree of BACHELOR OF SCIENCE will be conferred upon any student who has fulfilled the requirements in any of the departments of study as laid down in the schedule. Meritorious students receive a degree *with distinction* in one of three grades — *cum laude*, *magna cum laude*, and *summa cum laude*.

The grade of the degree and the course of study for which the degree is given will be specified in the Diploma.

The requirements for the degree of DOCTOR OF SCIENCE, are stated on p. 321.

HONORS.

Students in the Scientific School may be candidates for honors at graduation on the same terms as students in Harvard College. See pp. 219-225.

SCHOLARSHIPS.

Sixteen University Scholarships, of the annual value of one hundred and fifty dollars each, have been established in the Scientific School. Eight of these scholarships are assigned at the beginning of each academic year to meritorious students standing in need of such assistance, who have been in the School the whole of the preceding year, and propose to remain in it the whole of the ensuing year; and eight are available for students at the time of their entrance. The award is made by the Corporation on the recommendation of the Faculty. One third of the annual

value of the Scholarships is paid on the 12th of January, one-third on the 12th of April, and one-third immediately after the issue of the June term-bill. Applications for these scholarships must be addressed, in writing, to the Dean, by the 1st of June.

There are also scholarships in the Scientific School, not exceeding eight at any one time, of the annual value of one hundred and fifty dollars each, for the benefit of graduates of reputable Normal Schools in the United States. The incumbents are originally appointed for one year on the recommendation of the principals of the schools from which they have been severally graduated; these appointments may be annually renewed on the recommendation of the Faculty.

FELLOWSHIPS.

Graduates of the Scientific School may be appointed to the Parker Fellowships, the John Thornton Kirkland Fellowship, the Morgan Fellowships, and the John Tyndall Scholarship.

Students in the Scientific School may also be appointed to the Kirkland Fellowship and Tyndall Scholarship, and, if graduates of Harvard College, to any of the above Fellowships or to the Harris Fellowship. For full information, see p. 324.

PRIZES.

Students in the Lawrence Scientific School may compete for the Bowdoin Prizes, for full information in regard to which see p. 143.

FEES, EXPENSES, AND BONDS.

The tuition fee for the academic year in any of the above departments or courses is \$150.

The tuition fees for candidates for the degree of Doctor of Science are stated on p. 333.

The other expenses of a student for an academic year, clothing and washing not being included, may be estimated as follows:—

Room	\$30 to \$100
Board for thirty-eight weeks	114 to 304
Books	20 to 25
Fuel and lights	15 to 85

Total : . . \$179 to \$464

The tuition fee for a student taking a partial course is the same as in Harvard College (see p. 241).

Students in the Scientific School may join the Harvard Dining Association, and board at cost at Memorial Hall, or they may enter the Foxcroft Club where they may obtain food *a la carte* at cost. They may obtain rooms in the College buildings by applying to the Bursar, either by mail or in person; but all students living in College rooms are subject to the regulations of the Parietal Committee, in the same manner as undergraduates of Harvard College (see p. 242).

Students in Chemistry are supplied with all needed apparatus, but are required to restore it in as good condition as when received. They are charged for all damage or breakage, and also from ten to thirty dollars per annum for chemicals and use of apparatus.

Students in Engineering and Architecture provide their own drawing materials.

The Hemenway Gymnasium, the Scientific School Library, and the College Library are open to members of this School without extra charge.

The term-bills are issued December 22, March 22, and one week before Commencement, and are to be paid respectively on or before January 12, April 12, and October 10; but the third bills of candidates for degrees must be paid at least one day before Commencement. When a student severs his connection with the School his whole bill becomes payable at once.

A student who joins the Lawrence Scientific School after the beginning of the academic year will be charged for instruction from the beginning of the third in which he joins. One who leaves during the year will be charged for instruction only to the end of the third in which he leaves, if before that time he gives written notice of his withdrawal to the Dean; otherwise he will be charged for instruction to the end of the third in which such written notice is given. The first third begins at the beginning of the academic year and ends December 31. The second third begins January 1 and ends March 31. The last third begins April 1 and ends at Commencement.

BONDS.

Every student must file a bond with the Bursar in the sum of \$200, signed by two bondsmen, one of whom must be a citizen of the United States, as security for the payment of dues to the University; or he may deposit with the Bursar \$200 in money or in United States bonds for the same purpose; or he may deposit \$50 as security, and pay his tuition-fees in advance as follows: one third on or before October 1, one third on or before January 1, and one third on or before April 1.

Every student who takes a College room or boards at Memorial Hall or at the Foxcroft Club must file a bond for \$400 or make a deposit of

\$400, or, in addition to the requirements of the preceding paragraph, he may, if he occupies a College room, pay the full year's rent in advance, and, if he boards at Memorial Hall or at the Foxcroft Club, he may make a deposit as security for the payment of his board at the rate of \$5 a week. Interest is not allowed on deposits.

No officer or student of the University will be accepted as bondsman.

For further information address Mr. MONTAGUE CHAMBERLAIN, Secretary of the Lawrence Scientific School, Cambridge, Mass.

THE GRADUATE SCHOOL.

ADMINISTRATIVE BOARD.

JAMES MILLS PEIRCE, A.M., *Dean, and Perkins Professor of Astronomy and Mathematics.*

JAMES B. GREENOUGH, A.B., *Professor of Latin.*

GEORGE H. PALMER, A.M., LL.D., *Alford Professor of Natural Religion, Moral Philosophy, and Civil Polity.*

WILLIAM G. FARLOW, A.M., M.D., *Professor of Cryptogamic Botany.*

CHARLES LORING JACKSON, A.M., *Erving Professor of Chemistry.*

EDWARD L. MARK, Ph.D., *Hersey Professor of Anatomy.*

BENJAMIN O. PEIRCE, Ph.D., *Hollis Professor of Mathematics and Natural Philosophy.*

HANS C. G. VON JAGEMANN, Ph.D., *Assistant Professor of Germanic Philology.*

EDWARD CHANNING, Ph.D., *Assistant Professor of History.*

WILLIAM J. ASHLEY, A.M., *Professor of Economic History.*

RESIDENT STUDENTS IN 1894-95.

Each student is referred, in the following list, to the department or field of study in which his work mainly lies.

NAME.	HOME RESIDENCE.	PRESENT ADDRESS.
Abbe, Cleveland, Jr. A.B. 1894. I. yr. University Scholar.	Washington, D. C.	58 Hammond St. Physical Geography.
Abbott, Herbert Vaughan, A.B. (<i>Amherst Coll.</i>) 1886.	Brooklyn, N. Y.	P. 77. Asst. Principal, 1887-88, Beloit High School. Assistant in English. I. yr. English.
Ahlers, Louis Anton Ernst, (<i>Harvard Coll.</i>) 1890-94. I. yr.	Wellesley,	T. 44. Modern Languages.
Allen, Eugene Thomas, A.B. (<i>Amherst Coll.</i>) 1887, Ph.D. (<i>Johns Hopkins Univ.</i>) 1892.	Arlington,	Arlington. Acting Professor of Chemistry, 1892-93, University of Colorado. Assistant in Chemistry. II. yr. Chemistry.
Allison, Thomas, A.B. (<i>Univ. of Oxford, England</i>) 1893. I. yr.	Irvine, Scotland,	2 Leonard Ave. History.

- Ames, John Griffith, Jr. *Washington, D. C.* 1595 Mass. Ave.
A.B. (*Johns Hopkins Univ.*) 1894. I. yr. English.
- Andrew, Abram Piatt, Jr. *La Porte, Ind.* Winthrop 24.
A.B. (*Coll. of New Jersey*) 1893. II. yr. Rogers Memorial Fellow. Sociology.
- Andrews, Harry Edwin, *Kennebunk, Me.* 12 Oxford St.
A.B. (*Bowdoin Coll., Me.*) 1894. I. yr. English.
- Ashton, Joseph Nickerson, *Salem,* 836 Essex St., Salem.
A.B. (*Brown Univ., R. I.*) 1891, A.M. (*Harvard Univ.*) 1893. IV. yr. Music.
- Atkinson, Edward Ernest, *Belmont,* Belmont.
A.B. (*Brown Univ., R. I.*) 1879, A.M. (*Ibid.*) 1882, A.M. (*Harvard Univ.*) 1886,
D.B. (*Ibid.*) 1887, D.B. (*Episcopal Theol. School, Cambridge*) 1888. Instructor,
Belmont School, Belmont. IV. yr. Semitic Studies.
- Babbitt, Frank Cole, *Cambridge.* Felton Building 18.
A.B. 1890., A.M. 1892. Proctor. V. yr. Classical Philology.
- Babcock, Kendric Charles, *Minneapolis, Minn.* 20 Mellen St.
B.Litt. (*Univ. of Minnesota*) 1889. Instructor, 1890-94, in History and Old Eng-
lish, University of Minnesota. I. yr. University Scholar. History.
- Banks, Edgar James, *Wayland,* Wayland.
A.B. 1893. Pastor of Congregational Church. II. yr. Semitic Studies.
- Barr, Lawrence, *Boston,* 275 Marlboro' St.,
A.B. 1892. I. yr. Electricity. [Boston.]
- Bartlett, William Abbott, *Cedar Falls, Ia.* 58 Hammond St.
D.B. (*Iowa State Normal Sch.*) 1883, S.B. (*Iowa Coll.*) 1887, A.M. (*Ibid.*) 1890.
Professor of Mathematics, Tabor College, on leave of absence. I. yr. Mathe-
matics.
- Beach, David Nelson, *Cambridge,* 9 Dana St.
A.B. (*Yale Univ.*) 1872, D.B. (*Ibid.*) 1881. I. yr. Philosophy.
- Benson, Albert Emerson, *Cambridge,* 4 Mercer Circle.
A.B. 1892. Instructor in English, 1892-94, St. Mark's School, Southborough.
I. yr. Germanic Philology.
- Berle, Theodore Protas, *Woburn,* D. 8.
A.B. (*Oberlin Coll., O.*) 1890, A.M. (*Ibid.*) 1893, D.B. (*Andover Theol. Sem.*)
1893. Clergyman at North Woburn. I. yr. Economics.
- Bevan, Wilson Lloyd, *Concord,* Concord.
A.B. (*Johns Hopkins Univ.*) 1886, A.M. (*Columbia Coll., N.Y.*) 1889, D.B. (*General
Theol. Sem., N. Y.*) 1891, Ph.D. (*Univ. of Munich, Germany*) 1893. Rector of
Trinity Episcopal Church, Concord. I. yr. History and Political Science.
- Bigelow, Edwin Victor, *Cohasset,* Cohasset.
A.B. (*Univ. of Nashville, Tenn.*) 1887, D.B. (*Yale Univ.*) 1890, A.M. (*Harvard
Univ.*) 1891. Pastor Congregational Church. III. yr. Philosophy.
- Black, William Marshall, *Lynchburg, Va.* 14 Howland St.
Gr. (*Univ. of Virginia*) 1888, A.M. (*Western Maryland Coll.*) 1893. Asst. Pro-
fessor of Greek and Latin, 1891-94, Western Maryland College, on leave of
absence. I. yr. Classical Philology.

- Blankinship, Joseph William, *Willard, Mo.* 11 Line St.
A.B. (*Drury Coll., Mo.*) 1889, A.B. (*Harvard Univ.*) 1894. Professor of Science, 1892-93, Hesperian College, Woodland, Cal. Assistant in Botany. I. yr. Botany.
- Boardman, William Dorr, *Boston,* Winthrop 25.
A.B. 1892. II. yr. Fine Arts.
- Bouton, Charles Leonard, *St. Louis, Mo.* 92 Wendell St.
S.M. (*Washington Univ., Mo.*) 1891. Instructor, 1893-94, Washington University, St. Louis, Mo. I. yr. University Scholar. Mathematics.
- Boynton, John Henry, *Woodstock, Vt.,* S. 21.
A.B. 1890, A.M. 1894. Instructor, 1890-93, Milton Academy. Assistant in English. Proctor. II. yr. English.
- Brewster, Edwin Tenney, *Lawrence,* 80 Wendell St.
A.B. 1890, A.M. 1891. III. yr. Zoölogy.
- Browder, Jonathan Bailey, *Nashville, Tenn.* 44 Sacramento St.
A.B. (*Vanderbilt Univ., Tenn.*) 1892, A.M. (*Ibid.*) 1893. Instructor, 1893-94, Vanderbilt University, Tenn. I. yr. Shattuck Scholar. Classical Philology.
- Brown, Arthur Charles Lewis, *Cambridge,* 45 Oxford St.
A.B. (*Hobart Coll., N. Y.*) 1893, A.B. (*Harvard Univ.*) 1894. I. yr. English.
- Brown, Carroll Neidé, *Boston,* 322 Harvard St.
A.B. 1891, A.M. 1891. Acting Professor of Greek, 1892-93, University of Vermont. III. yr. Classical Philology.
- Brown, Harrison Hitchcock, *Palmer,* D. 86.
A.B. (*Amherst Coll.*) 1889. Instructor, 1889-94, Riverview Academy, Poughkeepsie, N. Y. I. yr. Philosophy, Mathematics, and Physics.
- Bruer, Myron Luther, *Wilbraham,* 16 Gerry St.
A.B. 1888. Principal, 1892-93, Salmon Falls, N. H., High School. II. yr. Classical Philology.
- Buck, Albert Francis, *Stoneham,* 61 Gorham St.
A.B. (*Amherst Coll.*) 1890, A.M. (*Harvard Univ.*) 1894. Instructor, 1890-91, Riverview Academy, Poughkeepsie, N. Y. III. yr. Philosophy.
- Burrage, William Sargent, *Cambridge,* 10 Fayette St.
A.B. 1892. Instructor, 1892-94, Adams Academy, Quincy. I. yr. Classical Philology.
- Burt, Edward Angus, *E. Galway, N. Y.* 12 Howland St.
A.B. 1893, A.M. 1894. Professor of Natural Science, 1885-91, New York State Normal School, Albany, N. Y. II. yr. Botany.
- Burton, Harry Edwin, *Cambridge,* 3 Clinton St.
A.B. 1890, A.M. 1893. Instructor, 1890-93, Peekskill, N. Y., Military Academy. III. yr. Shattuck Scholar. Classical Philology.
- Butler, Wilson Ryder, *Waltham,* 4 Lafayette St.,
A.B. (*Bowdoin Coll., Me.*) 1885, A.M. (*Ibid.*) 1888. Principal of [Waltham. Waltham High School. I. yr. Education and Teaching.
- Callender, Guy Stevens, *Harts Grove, O.* S. 19.
A.B. (*Oberlin Coll., O.*) 1891, A.B. (*Harvard Univ.*) 1893, A.M. (*Ibid.*) 1894. III. yr. Lee Memorial Fellow. History and Economics.

- Campbell, Donald Frank, *East River, N. S.* 18 Remington St.
A.B. (*Dalhousie Univ., N. S.*) 1890, A.B. (*Harvard Univ.*) 1894. Principal,
1891-93, Farrisboro' High School, N. S. I yr. Mathematics.
- Carey, Everett Pascoe, *Up. Sackville, N. B.* C. 17.
A.B. (*Mt. Allison Univ., N. B.*) 1892, A.B. (*Harvard Univ.*) 1893, S.B. (*Ibid.*)
1894. I yr. Zoölogy and Geology.
- Cassidy, William Morton, *W. Medford,* 2 Tartine St.,
A.B. (*Wesleyan Univ., Conn.*) 1888, A.M. (*Ibid.*) 1891. II yr. [W. Medford.
History.
- Castle, William Ernest, *Alexandria, O.* C. 5.
A.B. (*Denison Univ., O.*) 1889, A.B. (*Harvard Univ.*) 1893, A.M. (*Ibid.*) 1894.
Assistant in Zoölogy, 1893-94. II yr. Thayer Scholar. Zoölogy.
- Catron, William Van Allen, *Lexington, Mo.* 30 Irving St.
A.B. (*Univ. of State of Missouri*) 1890, A.B. (*Harvard Univ.*) 1891, A.M. (*Ibid.*)
1894. II yr. Classical Philology.
- Chase, Allan McCleery, *Cambridge,* 19 Lancaster St.
A.B. 1890, A.M. 1892. III yr. History and Political Science.
- Chase, George Davis, *Taunton,* 25 Holyoke St.
A.B. 1889. Sub-master, 1889-94, Bristol Academy. I yr. Latin.
- Cheek, John Morgan, *Sparta, N. C.* 44 Sacramento St.
A.B. (*Univ. of North Carolina*) 1893. Principal, 1893-94, Mars Hill, N. C., High
Sch. I yr. Philosophy.
- Chipman, George Ernest, *Tuppersville, N. S.* 1586 Cambridge St.
A.B. (*Acadia Coll., N. S.*) 1892, A.M. (*Ibid.*) 1894. Instructor, 1892-94, St. Mar-
tin's Seminary, N. B. I yr. History and Economics.
- Clow, Frederick Redman, *Northfield, Minn.* T. 7.
A.B. (*Carleton Coll., Minn.*) 1889, A.M. (*Ibid.*) 1892, A.B. (*Harvard Univ.*) 1891,
A.M. (*Ibid.*) 1892. Instructor in Economics. III yr. Economics.
- Clymer, William Braithwaite, *Cleveland, O.* 4 Trowbridge St.
(*Harvard Coll.*) 1890-94. I yr. History and Government and Law.
- Coar, Henry Livingston, *Cambridge,* 92 Wendell St.
A.B. 1893, A.M. 1894. Instructor in Mathematics. III yr. Mathematics.
- Cole, George Franklin, *Syracuse, N. Y.* 8 Story St.
Ph.B. (*Norwich Univ., Vt.*) 1892. Instructor in Modern Languages, 1890-92, Nor-
wich University. I yr. Modern Languages.
- Collier, George Foster, *Delaware, O.* 413 Green St.
S.B. (*Ohio Wesleyan Univ.*) 1892, A.B. (*Harvard Univ.*) 1894. II yr. English.
- Collins, Edward, Jr. *Dorchester,* 985 Adams St.,
S.B. (*Mass. Inst. of Tech.*) 1888. Instructor, 1888-94, Massa- [Dorchester.
chusetts Institute of Technology. I yr. Chemistry.
- Cook, Howard Hamblett, *Salem,* T. 50.
A.B. 1893, A.M. 1894. II yr. Thayer Scholar. Political Science.
- Cooke, John Winthrop, *Cambridge,* 108 Hammond St.
A.B. (*Williams Coll.*) 1889. Instructor, 1893-94, Worcester Classical High School,
on leave of absence. I yr. Classical Philology.

- Cooley, Arthur Stoddard, *Auburndale*, 34 Bigelow St.
A.B. (*Amherst Coll.*) 1891, A.M. (*Harvard Univ.*) 1893. Instructor, 1891-92,
Park College, Mo. III. yr. Shattuck Scholar. Classical Philology.
- Cooper, John Thomas, *Parkersburg, W. Va.* 14 Mellen St.
S.B. (*West Virginia Univ.*) 1894. I. yr. English and Chemistry.
- Coues, Franklin, *Cambridge*, W. 41.
A.B. 1891. I. yr. General Education.
- Cox, George Wilbert, *Acadia Mines, N.S.* 76½ Pleasant St.
A.B. (*Acadia Coll., N. S.*) 1880. II. yr. History and Economics.
- Crocker, Allen Crosby, *Leominster*, 109 Ellery St.
A.B. (*Dartmouth Coll., N. H.*) 1894. I. yr. American Archaeology and Eth-
nology.
- Croll, Morris William, *Gettysburg, Pa.* G. 36.
A.B. (*Pennsylvania Coll.*) 1889, A.M. (*Ibid.*) 1892, A.B. (*Harvard Univ.*) 1894.
Teacher, 1891-93, St. Paul's School, L. I. II. yr. English.
- Curtis, George DeClyver, *New York, N. Y.* H'ke 1.
A.B. 1893. I. yr. Forestry.
- Cushman, Herbert Ernest, *Plymouth*, D. 24.
A.B. (*Bates Coll., Me.*) 1887, D.B. (*Tufts Coll.*) 1890, A.M. (*Ibid.*) 1890. Clergy-
man. I. yr. Philosophy.
- Daly, Reginald Aldworth, *London, Ont.* P. 60.
A.B. (*Victoria Univ., Ont.*) 1891, S.B. (*Ibid.*) 1892, A.M. (*Harvard Univ.*) 1893.
Assistant in Geology. Proctor. III. yr. Townsend Scholar. Geology.
- Damon, Lindsay Todd, *Boston*, S. 21.
A.B. 1894. Assistant in English. Proctor. I. yr. English and Germanic
Philology.
- Davis, Bradley Moore, *Chicago, Ill.* 12 Kirkland Pl.
A.B. (*Leland Stanford Jr. Univ., Cal.*) 1892, A.B. (*Harvard Univ.*) 1893, A.M.
(*Ibid.*) 1894. Assistant in Botany. III. yr. Thayer Scholar. Botany.
- Davis, Francis Franklin, *Montclair, N. J.* H. 17.
S.B. (*Haverford Coll., Pa.*) 1893, A.M. (*Ibid.*) 1894. I. yr. Shattuck Scholar.
Mathematics.
- Dearborn, Ambrose Collyer, *Melrose*, H. 1.
A.B. 1893. II. yr. Government and Law.
- Denison, William Kendall, *Newtonville*, Newtonville.
A.B. (*Tufts Coll.*) 1891, A.M. (*Ibid.*) 1893, A.M. (*Harvard Univ.*) 1892. IV. yr.
University Scholar. Classical Philology.
- Dow, Louis Henry, *Cambridge*, 45 Bellevue Ave.
A.B. 1890, A.M. 1894. II. yr. University Scholar. Classical Philology.
- Duane, William, *Cambridge*, 23 Ware St.
A.B. (*Univ. of Pennsylvania*) 1892, A.B. (*Harvard Univ.*) 1893. Assistant in
Physics. II. yr. Physics.
- Duggar, Benjamin Minge, *Gallion, Ala.* 94 Hammond St.
S.B. (*Ag. and Mech. Coll. of Mississippi*) 1891, S.M. (*Ag. and Mech. Coll. of
Alabama*) 1892, A.B. (*Harvard Univ.*) 1894. Assistant in Botany. II. yr.
Townsend Scholar. Botany.

- Duniway, Clyde Augustus, *Cambridge,* 54 Langdon St.
A.B. (*Cornell Univ., N. Y.*) 1892, A.M. (*Harvard Univ.*) 1894. II. yr. History and Economics.
- Dunlap, Frederick Levy, *Chillicothe, O.* 6 Mason St.
S.B. (*Univ. of Michigan*) 1892. Assistant in Chemistry. III. yr. Chemistry.
- Dunn, Frederick Stanley, *Eugene, Ore.* 79 Oxford St.
A.B. (*Univ. of Oregon*) 1892, A.B. (*Harvard Univ.*) 1894. I. yr. Classical Philology.
- Earle, Samuel Chandler, *Somerville,* S. 6.
A.B. 1894. I. yr. Modern Languages.
- Early, Leslie Newman, *Columbia, Mo.* 80 Wendell St.
A.B. (*Kentucky Univ.*) 1876, A.M. (*Univ. of State of Missouri*) 1894. Clergyman. I. yr. Mathematics.
- Eaton, Frank Warren, *Natick,* S. 2.
A.B. 1894. I. yr. Classical Philology.
- Edgett, Edwin Francis, *Somerville,* C. 22.
A.B. 1894. I. yr. History.
- Ehrmann, Max, *Terra Haute, Ind.* 20 Mellen St.
Ph.B. (*De Pauw Univ., Ind.*) 1894. I. yr. Philosophy.
- Estabrook, Harold Kelsey, *N. Cambridge,* 101 Washington Ave.
A.B. 1892. I. yr. Philosophy, Government and Law, and Economics.
- Farley, Frank Edgar, *Lawrence,* G. 86.
A.B. 1893, A.M. 1894. Assistant in English. II. yr. English.
- Fay, Allan Bradshaw, *Washington, D. C.* H. 5.
A.B. 1894. I. yr. Romance Philology.
- Fellows, John Nelson, *Weston, Mo.* 94 Hammond St.
S.B. (*Univ. of State of Missouri*) 1892, T.E. (*Ibid.*) 1892, S.M. (*Ibid.*) 1893, A.M. (*Harvard Univ.*) 1894. II. yr. Shattuck Scholar. Mathematics.
- Ferry, Frederick Carlos, *Saratoga, N. Y.* 122 Oxford St.
A.B. (*Williams Coll.*) 1891, A.M. (*Ibid.*) 1894. Instructor, 1891-94, Williams College. I. yr. Mathematics.
- Festerson, John Sören, *Nora Springs, Ia.* 42 Mt. Auburn St.
A.B. (*Colgate Univ., N. Y.*) 1885, A.M. (*Ibid.*) 1893, A.B. (*Harvard Univ.*) 1894. Clergyman. II. yr. Modern Languages.
- Few, William Preston, *Greer Depot, S. C.* Read's Block 24.
A.B. (*Wofford Coll., S. C.*) 1889, A.M. (*Harvard Univ.*) 1893. III. yr. Townsend Scholar. English and Modern Philology.
- Fink, Bruce, *Fayette, Ia.* 11 Line St.
S.B. (*Univ. of Illinois*) 1887, S.M. (*Ibid.*) 1894. Professor of Biology and Geology in Upper Iowa University, on leave of absence. I. yr. Botany.
- Fisher, William Phineas, *Brunswick, Me.* 378 Harvard St.
A.B. (*Amherst Coll.*) 1866. Clergyman. I. yr.
- Fiske, Winthrop Edwards, *Lowell,* 14 Mellen St.
A.B. 1890. I. yr. Mathematics, Physics.

- Fleischer, Charles, *Boston*, 88 St. Botolph St.,
Bachelor of Hebrew (*Hebrew Union Coll., O.*) 1888, Rabbi (*Ibid.*) [Boston.
1893, L.B. (*Univ. of Cincinnati*) 1893. Acting Rabbi of Temple
Adath Israel, Boston. I. yr. Philosophy and Sociology.
- Forbes, Howard Carleton, *Roxbury*, 96 Elm Hill Ave.,
S.B. Chemical Engineering (*Mass. Inst. of Tech.*) 1891, S.B. Elec- [Roxbury.
trical Engineering (*Ibid.*) 1892. I. yr. English, Sociology,
Physics.
- Ford, Jeremiah Denis Matthias, *Somerville*, 13 Sherman St.,
A.B. 1894. I. yr. Modern Languages and Literature. [Somerville.
- Forsythe, Robert Jay, *Braintree*, 44 Brattle St.
A.B. 1894. Assistant in Chemistry. I. yr. Chemistry.
- Francine, Albert Philip, *Philadelphia, Pa.* C't 38.
A.B. (*Univ. of Pennsylvania*) 1894. I. yr. English.
- Frizell, Arthur Bowes, *Dorchester*, 75 Linden St.,
A.B. 1893. Assistant, 1888-91, Massachusetts Institute of Tech- [Dorchester.
nology. II. yr. Mathematics.
- Gallivan, Frank Bernard, *S. Boston*, 113 3d St., S. Boston.
A.B. 1893. Assistant in Chemistry. II. yr. Chemistry.
- Galpin, Charles Josiah, *Belleville, N. Y.* Arnold Circle.
A.B. (*Colgate Univ., N. Y.*) 1885, A.M. (*Ibid.*) 1888. Professor Rhetoric and
History, 1888-91, Kalamazoo College. Principal Belleville, N. Y., Union Acad-
emy, on leave of absence. I. yr. Philosophy.
- Gay, Harry Nelson, *Newton*, Winthrop 9.
A.B. (*Amherst Coll.*) 1891. I. yr. History.
- Gehring, Henry Albert, *Cleveland, O.* 740 Kirkland St.
A.B. 1894. I. yr. Philosophy.
- Gerould, John Hiram, *Hollis, N. H.* 76 Oxford St.
Litt.B. (*Dartmouth Coll., N. H.*) 1890, A.B. (*Harvard Univ.*) 1892, A.M. (*Ibid.*)
1893. III. yr. Zoölogy.
- Gillespie, Louis Packard, *New York, N. Y.* 371 Harvard St.
A.B. (*Yale Univ.*) 1894. I. yr. History and Political Science.
- Glover, James Waterman, *Saginaw, Mich.* 94 Hammond St.
L.B. (*Univ. of Michigan*) 1892. III. yr. Thayer Scholar. Mathematics.
- Goodrich, Arthur Lewis, *Salem*, 42 Warren St., Salem.
A.B. 1874. Principal Salem High School II. yr. Education and Teaching.
- Gregg, Robert Etheridge, *Brooklyn, N. Y.* 19 Ware St.
A.B. 1894. I. yr. English and Philosophy.
- Griffith, Elmer Ellsworth, *Indianapolis, Ind.* 31½ Mellen St.
A.B. (*Indiana Univ.*) 1885, A.M. (*Ibid.*) 1890. Superintendent, 1890-94, Indiana
Institute for the Blind. I. yr. English.

- Grover, Frederick Orville, *Cambridge*, 90 Hammond St.
A.B. (*Dartmouth Coll., N. H.*) 1890, A.M. (*Ibid.*) 1893. Instructor, 1892-94,
Western Military Academy, Upper Alton, Ill. I. yr. Botany and Zoölogy.
- Gulliver, Frederic Putnam, *Norwich, Conn.* 1686 Cambridge St.
A.B. 1893, A.M. 1894. Topographer, U. S. Geological Survey, 1886-91. III. yr.
University Scholar. Geology.
- Hall, Lyman Bronson, *Oberlin, O.* 61 Gorham St.
A.B. (*Oberlin Coll., O.*) 1872, D.B. (*Ibid.*) 1878, D.B. (*Harvard Univ.*) 1877.
Professor of Latin, 1888-93, Oberlin Academy and College. I. yr. History.
- Hamaker, John Irvin, *New Basel, Kans.* 14 Shepard St.
A.B. (*Kansas State Univ.*) 1893, A.B. (*Harvard Univ.*) 1894. I. yr. Zoölogy.
- Hancock, Albert Elmer, *Philadelphia, Pa.* 12 Kirkland Pl.
S.B. (*Wesleyan Univ., Conn.*) 1891. I. yr. English.
- Harding, Samuel Bannister, *Indianapolis, Ind.* 15 Sumner St.
A.B. (*Indiana Univ.*) 1890, A.M. (*Harvard Univ.*) 1894. Teacher, 1891-93, Work-
ingman's School, New York, N. Y. II. yr. Morgan Fellow. History and
Economics.
- Harper, Eugene Howard, *Port Byron, Ill.* 67 Mt. Auburn St.
A.B. (*Oberlin Coll., O.*) 1890. I. yr. History and Economics.
- Harris, William Fenwick, *Malden*, 96 Brattle St.
A.B. 1891, A.M. 1892. Assistant in Classics. IV. yr. Classical Philology.
- Hayden, Walter Scott, Jr. *Pittstown, N. Y.* 2 Hudson St.
A.B. (*Univ. of Kansas*) 1891. Pastor Church of Disciples, Pittstown, N. Y., on
leave of absence. I. yr. Philosophy and History.
- Heyman, Louis Philip, *West Point, Ga.* 14 Pleasant St.
S.B. (*Ag. and Mech. Coll. of Alabama*) 1892, S.M. (*Ibid.*) 1893. Assistant in
Mathematics, 1892-93, Agricultural and Mechanical College of Alabama. I. yr.
Mathematics.
- Hildreth, Henry Theodore, *Cambridge*, 10 Remington St.
A.B. 1885. Professor of Greek, 1890-92, University of Wooster, O. Asst. Professor
of Greek, 1892-93, Brown University, R. I. III. yr. Greek and Latin.
- Hill, Joseph Adna, *Temple, N. H.* 881 Harvard St.
A.B. 1885, A.M. 1888, Ph.D. (*Univ. of Halle, Germany*) 1892. Lecturer, 1892-93,
University of Pennsylvania. IV. yr. Economics.
- Hill, Lewis Dana, *Cambridge*, 866 Harvard St.
A.B. 1894. Assistant in Physics. I. yr. Physics.
- Hinckley, Henry Barrett, *Northampton*, 54 Garden St.
A.B. (*Yale Univ.*) 1892. III. yr. English.
- Hite, Lewis Field, *N. Cambridge*, 1 Avon Pl.
Univ. of Virginia, 1873-75, 78-79, 81-82. Instructor at New Church Theological
School, Cambridge. II. yr. Philosophy.
- Hodgman, Arthur Winfred, *Lowell*, 90 Brattle St.
A.B. 1890, A.M. 1893. III. yr. Savage Scholar. Classical Philology.

- Horne, Charles Albert, *Dover, N. H.* Lawrence 5.
A.B. (*Trinity Coll., Conn.*) 1883, A.B. (*Harvard Univ.*) 1894. II. yr. Philosophy.
- Horne, Irving Williams, *Braintree,* Braintree.
A.B. (*Bowdoin Coll., Me.*) 1886, A.M. (*Ibid.*) 1890. Superintendent of Schools,
Braintree. II. yr. Education and Teaching.
- Horne, Perley Leonard, *Cambridge,* 18 Ellery St.
A.B. 1892, A.M. 1894. Assistant in History. II. yr. History.
- Horton, Walter Gregg, *Boston,* Hotel Vendome,
A.B. 1888, A.M. 1890, LL.B. 1893. II. yr. Political Science. [Boston.]
- Howe, Will David, *Irrington, Ind.* 10 Mellen St.
A.B. (*Buller Univ., Ind.*) 1893. I. yr. English.
- Howe, William Woods, *Roxbury,* 787 Shawmut Ave.,
A.B. (*Buchtel Coll., O.*) 1891. I. yr. Classical Philology. [Roxbury.]
- Howes, George Edwin, *Cambridge,* 86 Ellery St.
A.B. 1886, A.M. 1890. Instructor, 1891-93, Haverford College Grammar School,
Pa. IV. yr. Goodwin Scholar. Classical Philology.
- Huling, Ray Greene, *Cambridge,* 101 Trowbridge St.
A.B. (*Brown Univ., R. I.*) 1869, A.M. (*Ibid.*) 1872, S.D. (*Ibid.*) 1894. Head
Master of the English High School, Cambridge. II. yr. Education and
Teaching.
- Humphreys, John Strother, *Millersburg, Ky.* S. 4.
A.M. (*Georgetown Coll., Ky.*) 1892, A.B. (*Harvard Univ.*) 1893. II. yr. Classical
Philology.
- Ittner, Martin Hill, *St. Louis, Mo.* 92 Wendell St.
Ph.B. (*Washington Univ. Mo.*) 1892, S.B. (*Ibid.*) 1894. Professor of Chemistry,
1893-94, St. Louis Hygienic College of Physicians and Surgeons. Assistant in
Chemistry. I. yr. University Scholar. Chemistry.
- Jennings, Herbert Spencer, *Tonica, Ill.* 11 Francis Ave.
S.B. (*Univ. of Michigan*) 1893. Assistant, 1891-94, University of Michigan.
Assistant in Zoölogy. I. yr. Zoölogy.
- Jones, Herbert Lyon, *Granville, O.* C. 5.
A.B. (*Denison Univ., O.*) 1886, S.M. (*Ibid.*) 1887, A.B. (*Harvard Univ.*) 1892,
A.M. (*Ibid.*) 1893. Assistant in Botany. III. yr. Botany.
- Jutten, Benjamin Chauncey, *Fall River,* G. 19.
A.B. 1894. I. yr. Physics and Engineering.
- Kagan, Josiah Moses, *Cambridge,* 12 Remington St.
A.B. 1894. Teacher in the Roxbury High School. I. yr. Philosophy.
- Kelley, Augustus Hill, *Allston,* 81 Chester St.,
A.B. (*Colby Univ., Me.*) 1873, A.M. (*Ibid.*) 1876. Principal Lyman [Allston].
School, Boston. I. yr. Education and Teaching.
- Kershaw, Francis Stewart, *Columbus, O.* M. 7.
Ph.B. (*Ohio State Univ.*) 1891, A.B. (*Harvard Univ.*) 1892. Assistant, 1890-91,
Ohio State University. Proctor. IV. yr. English.

- Kimball, David, *Boston*, 48 Commonwealth
A.B. 1893. I. yr. Semitic, Classics, Modern Languages. [Ave., Boston.]
- Lange, Francis Joseph, *Benedict, Kan.* 14 Mellen St.
A.B. (*Kansas State Univ.*) 1893. I. yr. Germanic Philology.
- Lawrence, Charles Lewis, *Cambridge*, 6 Maple Ave.
A.B. 1894. I. yr. University Scholar. Mathematics.
- Leete, John Hopkins, *Detroit, Mich.* 36 Mt. Auburn St.
A.B. (*Colgate Univ.*, N. Y.) 1894. Teacher, 1891-92, Detroit High School. I. yr.
Mathematics and Philosophy.
- Leighton, Joseph Alexander, *Orangeville, Ont.* Lawrence 11.
A.B. (*Trinity Coll.*, Ont.) 1891, Ph.D. (*Cornell Univ.*, N. Y.) 1894, Sage Fellow
(*Cornell Univ.*) 1893-94. I. yr. Philosophy.
- Lewis, Ernest Dorman, *Evansville, Ind.* 47 Wallace St.
A.B. (*Leland Stanford Jr. Univ.*, Cal.) 1891, A.M. (*Ibid.*) 1892. I. yr. Thomas
Scholar. History.
- Linville, Henry Richardson, *Ness City, Kan.* 6 Berkeley St.
A.B. (*Univ. of Kansas*) 1893, A.B. (*Harvard Univ.*) 1894. I. yr. University
Scholar. Zoölogy.
- Logan, John Daniel, *Pictou, N. S.* 33 So. Russell St.,
A.B. (*Dalhousie Univ.*, N. S.) 1893, A.M. (*Ibid.*) 1894, A.B. (*Har-* [Boston.]
vard Univ.) 1894. I. yr. Derby Scholar. Philosophy.
- Lough, James Edwin, *Richmond, Ind.* 5 Linden St.
A.B. (*Miami Univ.*, O.) 1891, A.M. (*Ibid.*) 1894, A.B. (*Harvard Univ.*) 1894.
Assistant in Philosophy. Proctor. II. yr. Philosophy.
- McDaniel, Walton Brooks, *Cambridge*, 69 Dana St.
A.B. 1893, A.M. 1894. II. yr. Classical Philology.
- MacDonald, Robert, *Boston*, 87 St. Botolph St.,
Acadia Coll., N. S., 1878-79; *Newton Theol. Sem.*, 1882-85, A.B. [Boston.]
(*Harvard Univ.*) 1894. Clergyman. II. yr. Semitic, English,
Philosophy, Economics, and Fine Arts.
- MacDougall, Robert, *Ormstown, P. Q.* Hilton Block 4.
A.B. (*McGill Univ.*, P. Q.) 1890, A.M. (*Harvard Univ.*) 1893. III. yr. Morgan
Fellow. Philosophy.
- McElfresh, William Edward, *Jacksonville, Ill.* 51 Wendell St.
A.B. (*Illinois Coll.*) 1888. III. yr. Mathematics.
- McKenzie, Kenneth, *Cambridge*, 12 Garden St.
A.B. 1891, A.M. 1893. III. yr. Romance Philology and Literature.
- McLaughlin, Frederick Chase, *Somerville*, Read's Block 4.
A.B. 1893. Assistant in Physics. II. yr. Physics.
- McLaury, Howard Lincoln, *No. Kortright, N. Y.* 12 Howland St.
A.B. (*Oberlin Coll.*, O.) 1893. II. yr. Mathematics.
- McLucas, John Sherwood, *Marion, S. C.* 1691 Cambridge St.
A.B. (*South Carolina Coll.*) 1893. Instructor, 1893-94, South Carolina College.
I. yr. English.
- Manley, Edward Irving, *Normal, Ill.* C. 56.
A.B. 1887, A.M. 1894. II. yr. History and Education.

- Marbut, Curtis Fletcher, *Cassville, Mo.* 80 Wendell St.
S.B. (*Univ. of State of Missouri*) 1889, A.M. (*Harvard Univ.*) 1894. Assistant Geologist, Missouri Geological Survey, 1890-93. II. yr. Toppan Scholar. Geology and Physical Geography.
- Marshall, Herbert Camp, *Zanesville, O.* C. 20.
A.B. (*Ohio Wesleyan Univ.*) 1891, A.B. (*Harvard Univ.*) 1894. Principal, 1892-93, High School, Monroe, O. I. yr. History and Political Science.
- Mayer, Alfred Goldsborough, *Maplewood, N. J.* 11 Francis Ave.
M.E. (*Stevens Institute, N. Y.*) 1889. Assistant, 1890-92, University of Kansas. III. yr. Botany and Zoölogy.
- Mead, Fred Hermance, *Halcott Centre, N. Y.* 13 Mellen St.
A.B. (*Hamilton Coll., N. Y.*) 1890, A.M. (*Ibid.*) 1893. Professor of Latin and Mathematics, 1891-94, De Garmo Institute. I. yr. Latin and English.
- Meyer, Hugo Richard, *Denver, Col.* W. 53.
A.B. 1892, A.M. 1894. III. yr. History, Government and Law, and Economics.
- Miller, William Joseph, *Newport, Del.* Trinity 10.
A.B. (*Trinity Coll., Conn.*) 1892, A.B. (*Harvard Univ.*) 1893. Proctor. III. yr. Classical Philology.
- Moody, William Vaughn, *Lafayette, Ind.* G. 48.
A.B. 1893, A.M. 1894. Assistant in English. II. yr. English.
- Moore, George Thomas, Jr. *Indianapolis, Ind.* 27 Putnam Ave.
S.B. (*Wabash Coll., Ind.*) 1894. I. yr. Botany.
- More, Paul Elmer, *St. Louis, Mo.* 32 Wendell St.
A.B. (*Washington Univ., Mo.*) 1887, A.M. (*Ibid.*) 1891, A.M. (*Harvard Univ.*) 1893. Assistant in Sanskrit. III. yr. Classical Philology and Indo-Iranian Languages.
- Morgan, Frederic Grinnell, *Aurora, N. Y.* Hilton Block 31.
A.B. 1891. I. yr. History.
- Mosser, Edwin Jacob, *Stine's Corner, Pa.* 3 Sumner St.
A.B. (*Muhlenberg Coll., Pa.*) 1893. Past Teacher at DeMille School, Pompton, N. J. I. yr. Classical Philology.
- Mowry, Arthur May, *Cambridge,* 45 Wallace St.
A.B. (*Brown Univ., R. I.*) 1883, A.M. (*Ibid.*) 1886, A.M. (*Harvard Univ.*) 1894. Teacher, 1887-93, Salem High School. II. yr. University Scholar. History.
- Nash, Luther Roberts, *Ridgefield, Conn.* 18 Sacramento Pl.
S.B. (*Mass. Inst. of Tech.*) 1890. I. yr. University Scholar. Mathematics and Physics.
- Neal, Herbert Vincent, *Auburn, Me.* Shepherd Block 2.
A.B. (*Bates Coll., Me.*) 1890, A.B. (*Harvard Univ.*) 1893, A.M. (*Ibid.*) 1894. Assistant in Zoölogy. Proctor. II. yr. Zoölogy.
- Newell, William Wells, *Cambridge,* 175 Brattle St.
A.B. 1889, A.M. 1871. I. yr. Comparative Literature.
- Nicholson, Watson, *Pendleton, Ind.* 47 Wallace St.
A.B. (*Leland Stanford Jr. Univ., Cal.*) 1892. Principal, 1892-94, Santa Paula, Cal., High School. I. yr. History.

- Noyes, George Rapall, *Andover*, T. 44.
A.B. 1894. Teacher in Browne and Nichols School, Cambridge. I. yr. Germanic Literature and Philology.
- Oakman, Otis Briggs, *Neponset*, 1 Oakman St.,
A.B. 1887. Instructor, Thayer Academy, So. Braintree. III. yr. [Neponset. Education and Teaching.
- Oenslager, George, *Harrisburg, Pa.* T. 24.
A.B. 1894. Assistant in Chemistry. I. yr. Chemistry.
- Oliver, Andrew, 2d, *Boston* 27 Brimmer St.,
A.B. 1891. Instructor, 1892-94, Selwyn Hall, Reading, Pa. I. yr. [Boston. Classical Philology, and Philosophy (Education and Teaching).
- Ozanne, Charles Eugene, *Cleveland, O.* 11 Wendell St.
A.B. (*Adelbert Coll., O.*) 1889, D.B. (*Yale Univ.*) 1892. Clergyman. I. yr. History.
- Parker, Edwin Gordon, *Lennoxville, P. Q.* 15 Story St.
A.B. (*McGill Univ., P. Q.*) 1892, A.M. (*Harvard Univ.*) 1894. Lecturer, 1892-93, Stanstead Wesleyan College, P. Q. II. yr. Thayer Scholar. English.
- Parker, Harry George, *Liberty, Mo.* 24 Holyoke St.
A.B. (*Wm. Jewell Coll., Mo.*) 1892, A.M. (*Ibid.*) 1893. I. yr. Chemistry.
- Paxton, Joseph Francis, *Columbia, Mo.* 80 Irving St.
A.B. (*Univ. of State of Missouri*) 1891, A.M. (*Ibid.*) 1893. Instructor in Latin at University of State of Missouri, on leave of absence. I. yr. University Scholar. Classical Philology.
- Pentz, William Jacob, *Alliance, O.* 1534 Cambridge St.
S.B. (*Mt. Union Coll., O.*) 1893. Past Principal of High Schools, Mesopotamia, O. I. yr. Economics.
- Peritz, Ismar John, *Mattapan,* Mattapan.
A.M. 1893. Clergyman. I. yr. Semitic Studies.
- Phair, Philip DeWitt, *Presque Isle, Me.* 1801 Cambridge St.
L.B. (*Trinity Coll., Conn.*) 1894. I. yr. History and Economics.
- Phinney, John Inglee, *Machias, Me.* 17 Chauncy St.
A.B. (*Yale Univ.*) 1892. Assistant, 1892-94, Yale University. I. yr. Thayer Scholar. Chemistry.
- Pierce, Edgar, *Boston,* 1156 Mass. Ave.
A.B. 1892, A.M. 1893. Assistant in Philosophy. III. yr. Philosophy.
- Pierce, John Martin, *St. Louis, Mo.* 6 Story St.
A.B. (*Washington Univ., Mo.*) 1886, A.M. (*Harvard Univ.*) 1889. Teacher, 1892-94, So. Illinois Normal School. V. yr. Philosophy.
- Porter, Milton Brockett, *Sherman, Tex.* D. 20.
S.B. (*Univ. of Texas*) 1892. I. yr. Mathematics.
- Prather, John McClellan, *Felicity, O.* 89 Hammond St.
A.B. (*Antioch Coll., O.*) 1891. Assistant in Botany and Zoölogy. II. yr. Zoölogy.
- Reese, Theodore Irving, *New York, N. Y.* Lawrence 6.
A.B. (*Columbia Coll., N. Y.*) 1894. I. yr. Philosophy.

- Rice, Cale Young, *Louisville, Ky.* 20 Trowbridge St.
A.B. (*Cumberland Univ., Ky.*) 1893. II. yr. Philosophy.
- Richard, Joseph Clement, *Cincinnati, O.* Brewer's Block 10.
A.B. (*St. Xavier Coll., O.*) 1891. I. yr. Political Science.
- Richards, Herbert Maule, *Newport, R. I.* W. H. 52.
S.B. 1891. Assistant in Botany. III. yr. Botany.
- Richmond, Henry Isaac, Jr. *Little Compton, R. I.* D. 30.
S.B. 1894. I. yr. Geology.
- Rogers, George Benjamin, *Albion, N. Y.* 61 Gorham St.
A.B. (*Williams Coll.*) 1888, A.B. (*Harvard Univ.*) 1894. Instructor, 1888-92, Riverview Academy, N. Y. II. yr. Thayer Scholar. Philosophy.
- Ross, Hedley Duncan Vicars, *Stanley Bridge, P. E. I.* 1699 Cambridge St.
A.B. (*Dalhousie Univ., N. S.*) 1893. I. yr. English.
- Rush, William Harvey, *Greenville, O.* 94 Hammond St.
S.B. (*Univ. of Michigan*) 1893. Assistant in Botany. II. yr. Thayer Scholar. Botany.
- Safford, Charles Louis, *Williamstown,* 12 Oxford St.
A.B. (*Williams Coll.*) 1892, A.B. (*Harvard Univ.*) 1894. I. yr. Modern Languages and Music.
- Safford, Frederick Hollister, *Cambridge,* 80 Wendell St.
S.B. (*Mass. Inst. of Tech.*) 1888, A.M. (*Harvard Univ.*) 1894. Instructor, 1888-93, Brewster Free Academy, Wolfboro, N. H. II. yr. Townsend Scholar. Mathematics.
- Sawyer, Harris Eastman, *Boston,* P. 47.
A.B. 1891, A.M. 1893. Chemist to Mass. State Board of Health, 1891-92. Assistant in Chemistry. III. yr. Chemistry.
- Schofield, William Henry, *Lakefield, Ont.* P. 60.
A.B. (*Victoria Univ., Ont.*) 1889, A.M. (*Harvard Univ.*) 1893. Past Instructor, Hamilton Collegiate Institute, Ont. III. yr. Morgan Fellow. English and Germanic Philology.
- Seelye, Arthur Moodey, *Northampton,* 54 Garden St.
A.B. (*Amherst Coll.*) 1892. Instructor, 1892-94, Adelphi Academy, Brooklyn, N. Y. I. yr. English.
- Shaw, Howard Burton, *Tarboro, N. C.* P. 47.
A.B. (*Univ. of North Carolina*) 1890, E.B. (*Ibid.*) 1891, A.M. (*Harvard Univ.*) 1894. Instructor, 1889-90, 91-93, University of North Carolina. Assistant in Engineering. II. yr. Physics.
- Sidis, Boris, *Cambridge,* C. 54.
A.B. 1894. I. yr. University Scholar. Philosophy.
- Singer, Edgar Arthur, *Philadelphia, Pa.* 9 DeWolfe St.
S.B. (*Univ. of Pennsylvania*) 1892, Ph.D. (*Ibid.*) 1894. I. yr. University Scholar. Philosophy.
- Skinner, Macy Millmore, *Boston,* 12 Mt. Auburn St.
A.B. 1894. Assistant in Semitic. Proctor. I. yr. Townsend Scholar. Semitic Studies.

- Slade, Louis Palmer, *Fall River,* 55 Trowbridge St.
A.B. (*Williams Coll.*) 1896. II. yr. History and Government and Law.
- Small, Roscoe Addison, *Lewiston, Me.* 15½ Shepard St.
A.B. (*Bates Coll., Me.*) 1892, A.B. (*Harvard Univ.*) 1894. Principal of High School, 1892-93, Lincoln, Mass. II. yr. English.
- Smith, Frank Clifton, *Gurleyville, Conn.* 60 Mt. Auburn St.
A.B. (*Yale Univ.*) 1887. I. yr. English.
- Smith, George James, *Lebanon, O.* 18 Story St.
A.B. (*National Normal Univ., O.*) 1885, A.M. (*Ibid.*) 1890, LL.B. (*National Law School, D. C.*) 1892, LL.M. (*Ibid.*) 1893, Ph.D. (*Univ. of Wooster, O.*) 1893. Instructor in Central High School, Washington, D. C., on leave of absence. I. yr. English.
- Solomons, Leon Mendez, *San Francisco, Cal.* 109 Ellery St.
S.B. (*Univ. of California*) 1893, S.M. (*Ibid.*) 1894. I. yr. Scholar of the Harvard Club of San Francisco. Philosophy and Mathematics.
- Spindler, Frank Nicholas, *Mt. Vernon, O.* 12 Howland St.
A.B. (*Oberlin Coll., O.*) 1894. I. yr. Philosophy.
- Sprague, Oliver Mitchell Wentworth, *St. Johnsbury, Vt.* 40 Kirkland St.
A.B. 1894. I. yr. University Scholar. Political Science.
- Sprague, William Dudley, *Cambridge,* 148 Austin St.
A.B. 1894. Teacher in Evening School, Cambridge. I. yr. Ancient and Modern Literature.
- Starek, Otto, *Cleveland, O.* C. 34.
A.B. 1894. I. yr. Classical Philology.
- Stewart, Fred Carlton, *Ames, Ia.* 61 Oxford St.
S.B. (*Iowa Agricultural Coll.*) 1892. Assistant Professor of Botany, Iowa Agricultural College, on leave of absence. II. yr. Botany.
- Stokes, James Stephen, *Cameron, Mo.* 80 Wendell St.
S.B. (*Univ. of State of Missouri*) 1887, Pe.B. (*Ibid.*) 1887, S.M. (*Ibid.*) 1890. Superintendent of Public School, 1889-93, Columbia, Mo. I. yr. Mathematics.
- Sullivan, James, Jr. *Chicago, Ill.* C. 56.
A.B. 1894. Assistant in History. I. yr. History and Economics.
- Sweetser, Albert Raddin, *Cliftondale,* Cliftondale.
A.B. (*Wesleyan Univ., Conn.*) 1884, A.M. (*Ibid.*) 1887. Instructor, 1889-93, New Hampshire Conference Seminary, Tilton, N. H. Clergyman. II. yr. Botany.
- Taylor, Joseph Richard, *Cambridge,* 49½ Sacramento St.
A.B. (*Wesleyan Univ., Conn.*) 1882, A.M. (*Ibid.*) 1885, A.M. (*Harvard Univ.*) 1894. Assistant Professor of Greek and Latin, Boston University. III. yr. Classical Philology.
- Thurber, Edward Allen, *Paris, France,* 10 Frisbie Pl.
A.B. (*Yale Univ.*) 1891, A.M. (*Harvard Univ.*) 1894. Instructor, 1892-93, Westminster School, Dobbs Ferry, N. Y. II. yr. University Scholar. English and Germanic Philology.
- Tilton, John Littlefield, *Indianola, Ia.* 9 Wendell St.
A.B. (*Wesleyan Univ., Conn.*) 1885, A.M. (*Ibid.*) 1889. Professor of Natural Science, Simpson College, Indianola, Ia., on leave of absence. I. yr. Thayer Scholar. Geology.

- Tisdell, Fred Monroe,** *Rock Springs, Wyo.* 109 Ellery St.
A.B. (*Northwestern Univ., Ill.*) 1891, A.M. (*Univ. of Wisconsin*) 1893, A.M. (*Harvard Univ.*) 1894. Instructor, 1891-93, University of Wisconsin. II. yr. Shattuck Scholar. English.
- Truitt, Robert Reineck,** *Philadelphia, Pa.* 1106 Mass. Ave.
A.B. (*Univ. of Pennsylvania*) 1890, A.B. (*Harvard Univ.*) 1894. Instructor, 1890-93, Private School, Philadelphia, Pa. II. yr. Classical Philology.
- Truscott, Frederick Wilson,** *New Harmony, Ind.* 28 Holyoke St.
A.B. (*Indiana Univ.*) 1891, A.M. (*Harvard Univ.*) 1894. Instructor, 1891-93, Indiana University. II. yr. Shattuck Scholar. Germanic Philology.
- Vickers, Enoch Howard,** *Shepherdstown, W. Va.,* C. 51.
A.B. (*West Virginia Univ.*) 1890, A.B. (*Harvard Univ.*) 1893, A.M. (*Ibid.*) 1894. Assistant in Government and Law. II. yr. University Scholar. Political Science, Economics.
- Villard, Oswald Garrison,** *Dobbs Ferry, N. Y.* 65 Mt. Auburn St.
A.B. 1893. Assistant in History. I. yr. History.
- Virtue, George Ole,** *Bedford, Ia.* T. 7.
A.B. (*Univ. of Kansas*) 1892, A.B. (*Harvard Univ.*) 1892, A.M. (*Ibid.*) 1893. Instructor in Economics. III. yr. Government and Law, and Economics.
- Walz, John Albrecht,** *Chicago Ill.* 30 Mt. Auburn St.
A.B. (*Northwestern Univ., Ill.*) 1892. Instructor, 1892-94, Northwestern Academy, Evanston, Ill. I. yr. Scholar of the Harvard Club of Chicago, Ill. Comparative and Germanic Philology.
- Ware, Richard,** *Washington, D. C.* 958 Mass. Ave.
LL.B. (*Columbian Univ., D. C.*) 1889. I. yr. Political Economy.
- Webster, Hollis,** *East Milton,* H'ke 7.
A.B. 1884, A.M. 1894. Instructor, 1885-90, Private School, Cambridge. Proctor. V. yr. Classical Philology and English.
- Wentworth Charles T,** *Dorchester,* T. 59.
A.B. 1894. Assistant in History. I. yr. History.
- Wheeler, Philip Manchester,** *Brooklyn, N. Y.* C't 21.
S.B. (*Brooklyn Polytechnic Institute, N. Y.*) 1894. I. yr. Chemistry.
- White, Francis Beach,** *Cambridge,* 6 Phillips Pl.
A.B. 1894. I. yr. English.
- Whitmore, Charles Edward, Jr.** *Newton,* 21 Trowbridge St.
A.B. 1893. I. yr. English and German.
- Whitney, William Joseph,** *Findley's Lake, N. Y.* H. 10.
A.B. 1894. Principal, 1889-90, Eureka High School, Ill. I. yr. History.
- Wilcox, Earley Vernon,** *Columbus, O.* 12 Quincy St.
A.B. (*Otterbein Coll., O.*) 1890, A.B. (*Harvard Univ.*) 1892, A.M. (*Ibid.*) 1894. III. yr. Zoölogy.
- Williams, Charles Adams,** *Peacham, Vi.* 1689 Cambridge St.
A.B. (*Williams Coll.*) 1888. Principal, 1892-94, Public School, Littleton, N. H. I. yr. Classical Philology.

- Winship, George Parker, *Somerville,* Hilton Block 23.
A.B. 1893, A.M. 1894. Assistant in History. Proctor. II. yr. History.
- Winslow, Charles Fenno, *Jamaica Plain,* 188 School St.,
A.B. 1891. Teacher. 1892-93, St. John's School, Manlius, [Jamaica Plain.
N. Y. I. yr. Classical Philology.
- Winslow, Fred Bradlee, *Boston,* M. 47.
(*Harvard Coll.*) 1891-94. I. yr. English, History, and Fine Arts.
- Wood, Clarence David, *Brooklyn, N. Y.* 54 Garden St.
A.B. (*Amherst Coll.*) 1893. Instructor, 1893-94, Polytechnic Institute, Brooklyn,
N. Y. I. yr. English.
- Wood, Leon Irving, *Waterbury, Conn.* 94 Wendell St.
A.B. (*Wesleyan Univ., Conn.*) 1893. I. yr. Classical Philology.
- Wright, James Homer, *Pittsburg, Pa.* 38 St. Botolph St.,
A.B. (*Johns Hopkins Univ.*) 1890, M.D. (*Univ. of Maryland*) 1892, [Boston.
A.M. (*Harvard Univ.*) 1894. Assistant in Pathology (*Harvard
Medical School*). II. yr. Pathology.

NON-RESIDENT STUDENTS IN 1894-95.

- | NAME. | HOME RESIDENCE. | PRESENT ADDRESS. |
|---|--------------------------|--|
| Bakewell, Charles Montague,
A.B. (<i>Univ. of California</i>) 1889, A.M. (<i>Ibid.</i>) 1891,
A.M. (<i>Harvard Univ.</i>) 1892, Ph.D. (<i>Ibid.</i>) 1894.
IV. yr.; II. yr. as <i>Non-Resident Student</i> . Walker
Fellow. Philosophy. | <i>Riverside, Cal.</i> | Berlin, Germany.
[Jerusalem Str. 44. |
| Campbell, George Ashley,
S.B. (<i>Mass. Inst. of Tech.</i>) 1891, A.B. (<i>Harvard Univ.</i>)
1892, A.M. (<i>Ibid.</i>) 1893. IV. yr.; II. yr. as <i>Non-Resident Student</i> . Parker Fellow. Mathematical
Physics. | <i>Derry, N. H.</i> | Göttingen, Germany.
[Friedländerweg 18. |
| Carr, Joseph William,
A.B. 1893. Instructor in Classics, St. Bartholomew's
School, Morristown, N. J. II. yr.; I. yr. as <i>Non-Resident Student</i> . Germanic Philology. | <i>Morristown, N. J.</i> | St. Bartholomew's
School, Morris-
town, N. J. |
| Closson, Carlos Carlton, Jr.
A.B. 1892, A.M. 1893. III. yr.; I. yr. as <i>Non-Resident Student</i> . Paine Fellow. Economics and Sociology. | <i>Lawrence,</i> | Rennes, France.
[6 Quai de l'Université,
[Dép't Ille-et-Vilaine. |
| Gulick, Charles Burton,
A.B. 1890, A.M. 1891, Ph.D. 1894. Instructor in
Greek, 1892-93. IV. yr.; I. yr. as <i>Non-Resident Student</i> . Rogers Fellow. Classical Philology. | <i>Brooklyn, N. Y.</i> | Berlin, Germany.
[Cr. Mendelssohn & Co. |
| Hershey, Amos Shartle,
A.B. 1892, Ph.D. (<i>Univ. of Heidelberg, Germany</i>) 1894.
I. yr. Goodwin Memorial Fellow. International
and Constitutional Law. | <i>Hockersville, Pa.</i> | Paris, France.
[9 rue l'Université |

- Longley, Samuel Henry,** *Shirley Village,* Shirley Village.
A.B. 1894. I. yr. Political Science.
- Page, Curtis Hidden,** *Gilmanton, N. H.* Paris, France.
A.B. 1890, A.M. 1891, Ph.D. 1894. Instructor in French, [9 rue Scribe,
1893-94. IV. yr.; I. yr. as *Non-Resident Student*. [Cr. R. H. Graessle.
English and French.
- Peacock, Daniel Clayton,** *Gadsden, Ala.* Gadsden, Ala.
A.B. (*Univ. of Georgia*) 1883, Principal, 1886-92, South-
east Texas Male and Female Coll. II. yr.; I. yr. as
Non-Resident Student. Classical Philology.
- Reisner, George Andrew,** *Cambridge,* Berlin, Germany.
A.B. 1889, A.M. 1891, Ph.D. 1893. Assistant in [Cr. Baring Bros. & Co.,
Semitic Languages, 1891-93. V. yr.; II. yr. as [London, England.
Non-Resident Student. Rogers Fellow. Semitic
Studies.
- Rogers, Elliot Folger,** *Worcester,* Leipzig, Germany.
A.B. 1890, A.M. 1891, Ph.D. 1894. Assistant in [Stephan Strasse 44.
Chemistry, 1892-94. IV. yr.; I. yr. as *Non-Resident*
Student. Parker Fellow. Chemistry.
- St. John, Charles Edward,** *Ypsilanti, Mich.* Berlin, Germany.
S.B. (*Michigan Agricultural Coll.*) 1887, A.M. (*Har-* [Schiffbauerdamm 64.
vard Univ.) 1893. III. yr.; I. yr. as *Non-Resident*
Student. Tyndall Scholar. Physics.
- Spalding, Walter Raymond,** *Cambridge,* Munich, Bavaria.
A.B. 1887, A.M. 1888. Instructor, 1888-92, St. Mark's [Theresienstrasse 40.
School, Southborough. II. yr.; I. yr. as *Non-Res-*
ident Student. Harris Fellow. Music.
- Tallant, Hugh,** *Roxbury,* Paris, France.
A.B. 1891, A.M. 1891. III. yr. Kirkland Fellow. [25 rue de Vaugirard.
Architectural Design.
- Weeks, Raymond Leslie,** *Kansas City, Mo.* Paris, France.
A.B. 1890, A.M. 1891. Instructor in Romance Lan- [21 Grande Rue,
guages, 1891-93, University of Michigan. III. yr.; [Bourg-la-Reine, Seine-
II. yr. as *Non-Resident Student*. Parker Fellow.
Romance Philology and Phonetics.
- Weyasse, Arthur Wisswald,** *Roxbury,* Leipzig, Germany.
A.B. 1891, A.M. 1892, Ph.D. 1894. Assistant, 1892-94, [Thalstrasse 27.
in Botany. IV. yr.; I. yr. as *Non-Resident Student*.
Parker Fellow. Zoölogy.

SUMMARY.

NUMBER OF RESIDENT STUDENTS	242
NUMBER OF NON-RESIDENT STUDENTS	16
TOTAL	258

THE GRADUATE SCHOOL.

ORGANIZATION.

The Graduate School of Harvard University is under the charge of the Faculty of Arts and Sciences. It is the business of that Faculty to fix the conditions of admission to the School; to provide courses of instruction for its students; to direct their studies, and examine them in the same; to establish and maintain the requirements for all degrees in Arts, Science, and Philosophy, and make recommendations for those degrees to the Corporation; to lay down such regulations as they may deem necessary or expedient for the government of the School; and to exercise a general supervision over all its affairs.

The ordinary administration of the Graduate School is conducted by an Administrative Board, which reports to the Faculty of Arts and Sciences. The Dean of the Graduate School is the chairman of the Administrative Board, and the executive officer of the School.

The Dean of the Faculty of Arts and Sciences should be consulted on all general questions requiring the action of the Faculty.

ADMISSION.

Applications for admission to the Graduate School are received, at any time, by the Administrative Board; but it is generally advisable that they be presented, if possible, at the beginning of the academic year. Admission is ordinarily granted to Bachelors of Arts and Bachelors of Science of Harvard University; and to Graduates of other Colleges and Scientific Schools of good standing, who present satisfactory evidence of character and qualifications. Other persons, of suitable age and attainments, may also be admitted, by special vote in each case.

An application for admission may be made by filling out and depositing a registration blank at the office of the Dean of the Graduate School, or at such other place as may be designated, from time to time, for the purpose of registration. If the applicant is not a graduate of Harvard University, he must also file, for the consideration of the Administrative Board, satisfactory certificates of *scholarship* and *character*, — and if he holds a degree from any institution, diplomas or official certificates, sufficient to furnish evidence of such *degree* or *degrees*.

Admission to the Graduate School does not imply admission to candidacy for a Degree. The conditions of candidacy for the several degrees open to Graduate Students will be found on a later page.

RESIDENCE.

Resident Students in the Graduate School are required to pursue their studies at this University, to be in regular attendance on the exercises in some course or courses of instruction, and to do all the required work (including all examinations) in the courses which they elect; or to carry on regular work in some laboratory or museum or in the library, under the frequent inspection and criticism of instructors in the University. *Students in regular attendance at the University are classed as Resident Students, whether lodging in Cambridge or elsewhere.*

Holders of fellowships, pursuing their studies away from the University with the sanction of the Faculty, are registered as Non-Resident Students in the Graduate School.

Students who are conducting special investigations which require their absence from the University, and those who have completed a period of residence at the University, and are carrying on studies with the purpose of becoming candidates for a degree, may also be allowed to register in the Graduate School as Non-Resident Students, under such conditions as may be imposed in each case.

REGISTRATION AND REPORT.

Every Resident Student in the Graduate School and every applicant for Admission to the School is expected to register, by filling out certain blanks, at the beginning of each academic year of his membership in the School, on *Thursday, the first day of the academic year*, at the office of the Dean of the Graduate School, or at such other place as may be designated by notice posted at University Hall. A student who enters on his studies after the beginning of the academic year must register at the office of the Dean of the Graduate School at the time of his entering on his studies.

On registering, a student receives a certificate of having done so from the officer in charge of the registration, and must present this certificate to the Bursar, with whom he must then file his bond, and from whom he will obtain authority to attend instruction and to use the College Library. In case the registration is afterwards not accepted by the Administrative Board, it will be cancelled, and the student will not be liable for tuition-fees; or he may be transferred, if he so desires, to another Department of the University.

A student is counted as a full member of the School only from the date of his registration, and during the period of his being *actually engaged in his studies as a Resident or Non-Resident Student in the School.*

A student who withdraws from the Graduate School in the course of an academic year is required to give immediate written notice to the Dean of

the Graduate School. *No deduction from the full year's fees will be made in the case of a student withdrawing in the course of a year, unless he gives this notice.*

Every Resident Student is required to file a *list of his studies* for the academic year (or at least for the first half-year), at the time he registers, with the officer in charge of the registration, — or within one week thereafter, at the office of the Dean of the Graduate School. If he subsequently wishes to make any change in his studies, he must file written notice of his wish at the Dean's office, and must obtain the assent of the Dean.

A Resident Student who wishes to be absent from the University during any part of term-time, must obtain leave of absence from the Dean of the Graduate School. Immediate written notice must be given to the Dean of any change of *address*.

Non-Resident Students must register promptly by letter. Registration-blanks will be sent them from the office. Such students are required to keep the Dean of the Graduate School constantly informed of their addresses and their plans of study, and to make each year a full written report to the Administrative Board.

STUDIES.

The instruction provided by the Faculty of Arts and Sciences for the three Departments of the University under the charge of that Faculty is arranged, for the most part, in one list of Courses of Instruction, consisting of **FULL COURSES** and **HALF-COURSES**, see pp. 64-131. These are distributed into *three groups* in the several branches of study; namely,

- (1) Courses designed primarily for Undergraduates.
- (2) Courses for Graduates and Undergraduates.
- (3) Courses primarily for Graduates.

Any course (or half-course) in either group is open to all students in the Graduate School who present sufficient evidence of qualification for that course.

Among the higher courses of instruction—of the Second and Third Groups—in nearly every department of study, are Courses of Research and Seminaries, for students who wish to do special work of an advanced character. These courses are carried on under various plans of administration in the several departments, but always with the object of affording opportunity for regular independent study. There are also Conferences and Clubs, which have similar purposes, and are valuable auxiliaries of the departments. These are enumerated below, under another head.

A complete year's work for a Resident Student in the Graduate School regularly consists of four full courses of instruction, of advanced grade, or of their equivalent in courses and half-courses, pursued with high credit throughout an academic year. All the work required in such

courses must be done, and all the examinations must be passed; unless the student has leave from the Administrative Board of the Graduate School, with the approval of the instructor, to omit some part of the ordinary requirement.

A student who wishes to devote his time, largely or wholly, to *special study of an advanced character* may count a course embracing such study as equivalent to *more than one course*, up to a complete year's work, or may carry on such study *outside and in place of the regular courses*, under the direction and supervision of some specified instructor or instructors. In either case, the substitution proposed must have the approval or consent of the instructor or instructors concerned; and the permission of the Administrative Board of the Graduate School is required.

In some departments of study, Summer Courses of Instruction are given at the University, during certain weeks of the vacation. These courses are especially designed for teachers in schools and colleges, and for students who wish to attend them in preparation for taking more advanced courses in the next academic year. Some of them are equivalent to corresponding courses given in term time, and may be counted for such courses towards a degree. Full information concerning the Summer Courses may be obtained by application to the *Secretary of the University*.

A Graduate Student, possessing the necessary qualifications, may take some of his courses in a Professional School. Any Graduate Student in regular standing, paying the fee of \$150 a year, is admitted free to the instruction and the examinations given in any Department of the University, with the exception of exercises carried on in special laboratories.

YEARLY ANNOUNCEMENT OF COURSES.

In May of each academic year, the Faculty of Arts and Sciences issues an *Announcement of the Courses of Instruction* provided by that Faculty for the ensuing academic year. The Announcement for the year 1895-96 will be ready in May, 1895, and can then be obtained from the *Secretary of Harvard University*.

In most departments of study, *special pamphlets* are also published, presenting a full account of the instruction and other resources of the University in those departments. These pamphlets contain important particulars about the text-books, the methods of instruction, the objects, scope, and mutual relations of the several courses, and the various advantages which students may find outside of the courses.

For full information about the courses offered by the Faculty of Arts and Sciences for any academic year, it is necessary to consult the above-named publications for that year; which can be obtained on application to the *Secretary of Harvard University*.

LIBRARIES.

The libraries of the University are the College Library; the Departmental libraries, — which are those of the Lawrence Scientific School, the Bussey Institution, the Observatory, the Botanic Garden (Herbarium), the Divinity, Law, and Medical Schools, the Museum of Comparative Zoölogy, the Peabody Museum, and the Arnold Arboretum; — and the Laboratory and Classroom libraries attached to the several departments of the Faculty of Arts and Sciences. The total number of bound volumes contained in all these libraries was, at the last enumeration, 448,460, of which the College Library contained 323,000. The several libraries also contain valuable collections of pamphlets and maps, as well as photographs, engravings, etc. Great pains are taken to procure all books that may be needed by Graduate Students.

For the regulations under which the several libraries are open to students — and especially for the rules of the College Library — reference should be made to pp. 515–518 of this Catalogue.

The following is a list of the special libraries regularly open to Graduate students engaged in work of research, with the names of the curators of such libraries, the places in which the libraries are kept, and the approximate number of their books: —

SEMITIC STUDIES; Professor Toy; 7, Sever Hall; 450 books.

SANSKRIT; Professor Lanman; 15, Sever Hall; 85 books.

CLASSICAL PHILOLOGY; Asst. Professor Howard; 8, Harvard Hall; 3000 books.

GERMAN; Asst. Professor Schilling; 4, Sever Hall; 300 books.

FRENCH; Asst. Professor de Sumichrast; 21, Sever Hall; 700 books.

ROMANCE LANGUAGES; Professor Sheldon; 16, Sever Hall; 200 books.

PSYCHOLOGY; Professor Münsterberg; Dane Hall; 300 books.

SOCIAL QUESTIONS; Professor Peabody; University Hall; 425 books.

GENERAL HISTORY; Professor Macvane; Harvard Hall; 1000 books.

AMERICAN HISTORY; Asst. Professor Hart; University Hall; 700 books.

ECONOMICS; Asst. Professor Cummings; 14, University Hall; 650 books.

MUSIC; Professor Paine; Dane Hall; 200 books.

MATHEMATICS; Professor Byerly; 22, Sever Hall; 350 books.

ENGINEERING (Lawrence Scientific School Library); Professor Hollis; Lawrence Scientific School; 3600 books.

PHYSICS; Professor Trowbridge; Jefferson Physical Laboratory; 350 books.

CHEMISTRY; Asst. Professor Richards; Boylston Hall; 550 books.

MINERALOGY; Asst. Professor Wolff; University Museum; 250 books.

BOTANY; Dr. Robinson; Herbarium, Botanic Garden; 9000 books.

PHANEROGAMIC BOTANY; Professor Goodale; University Museum; 600 books.

ZOOLOGY AND GEOLOGY (Museum of Comp. Zool); Miss F. M. Slack; University Museum; 23,476 books.

ZOOLOGY (Zoological Laboratories); Professor Mark; University Museum; 200 books.

GEOLOGY AND PALAEONTOLOGY; (Geological Laboratory); Professor Shaler; University Museum; 185 books.

PHYSICAL GEOGRAPHY; Professor Davis; University Museum; 350 books.

AMERICAN ARCHAEOLOGY AND ETHNOLOGY; Professor Putnam; Peabody Museum; 1200 books.

The College Library is also well provided in these departments; and especially in some which do not have large special libraries, such as:—Sanskrit, English, Romance Languages and Literatures, Philosophy, the Fine Arts, Music, and Mathematics.

MUSEUMS, LABORATORIES, ETC.

Students who take courses which involve laboratory-work or the study of collections, or who are engaged in special research of an advanced character, outside of the regular courses, may carry on such studies, under proper regulations, — and in certain cases on the payment of laboratory fees specified below, — in the appropriate Museums and Laboratories.

The following is a list of the Museums and Laboratories which are available, under these conditions, to Graduate Students, with the names of their curators or directors. Some of them comprehend many subdivisions, not here enumerated. Full information about the Museums and Laboratories may be found in other parts of the Catalogue.

SEMITIC MUSEUM; Professor Lyon; Peabody Museum, Divinity Avenue.

CLASSICAL PHILOLOGY COLLECTION (of maps, casts, stereopticon slides, photographs, facsimile coins, etc.); in various buildings.

PSYCHOLOGICAL LABORATORY; Professor Münsterberg; Dane Hall.

FINE ARTS COLLECTION (photographs, casts, etc.); Professor Norton; Sever Hall.

GRAY COLLECTION OF ENGRAVINGS; temporarily placed at the Museum of Fine Arts, Copley Square, Boston.

JEFFERSON PHYSICAL LABORATORY; Professor Trowbridge; reached from Kirkland Street.

ELECTRICAL ENGINEERING LABORATORY; Mr. C. A. Adams; Lawrence Scientific School, Kirkland Street.

CHEMICAL LABORATORY; Professor H. B. Hill; Boylston Hall.

MINERALOGICAL MUSEUM AND LABORATORIES; Professor Jackson; University Museum, Oxford Street.

BOTANICAL GARDEN; Professor Goodale; corner of Garden and Linnaean Streets.

HERBARIUM; Dr. Robinson; Botanic Garden.

BOTANICAL MUSEUM AND LABORATORIES; Professor Goodale; University Museum, Oxford Street.

MUSEUM OF COMPARATIVE ZOÖLOGY AND LABORATORIES OF NATURAL HISTORY; Dr. Agassiz; University Museum, between Oxford Street and Divinity Avenue.

PEABODY MUSEUM OF AMERICAN ARCHAEOLOGY AND ETHNOLOGY; Professor Putnam; Divinity Avenue.

Graduate Students taking the courses offered to them at the Medical School are admitted to the laboratories in which those courses are carried on. In special cases, and by arrangements made beforehand in each case, Graduate Students may carry on studies at the Bussey Institution of Agriculture and Horticulture or at the Astronomical Observatory.

CONFERENCES, CLUBS, READINGS, ETC.

Important work is done by Graduate Students in Conferences and Clubs which exist in more or less close connexion with the several departments of study. These organizations, concerning which detailed information is given in the departmental pamphlets or may be obtained from instructors, are now the following:—

SANSKRIT CONFERENCE; fortnightly in the second half-year.

CLASSICAL CLUB; fortnightly.

MODERN LANGUAGE CONFERENCE; fortnightly.

DEUTSCHER VEREIN; fortnightly.

CERCLE FRANÇAIS; fortnightly.

PHILOSOPHICAL CONFERENCE; monthly.

HARVARD PAEDAGOGICAL CLUB; fortnightly.

HARVARD HISTORICAL CLUB; bi-monthly.

HARVARD INTERNATIONAL LAW CLUB; fortnightly.

HARVARD CHEMICAL CLUB; weekly.

BOYLSTON CHEMICAL SOCIETY; fortnightly.

BOTANICAL CONFERENCE; fortnightly.

BOTANICAL CLUB; fortnightly.

ZOÖLOGICAL CLUB; fortnightly.

GEOLOGICAL CONFERENCE; weekly.

HARVARD NATURAL HISTORY SOCIETY; bi-monthly.

Many of the Seminary courses have also something of the character of conferences.

To the above list may be added a few literary and scientific societies, having no direct connexion with the University, but with which instructors in the University are intimately associated, and of which Graduate Students may be members, or which they are invited to attend. Among these are the American Dialect Society; the Boston Association of the American Folk-Lore Society; the M. P. Club, for the discussion of subjects in Mathematics and Physics; the Boston Society of Natural History; and the New England Meteorological Society.

The GRADUATE CLUB is an organization composed of students in the Graduate School, elected by the Club on recommendation of its Executive Committee. Its aim is to promote social intercourse and a general acquaintance among its members with the work done in all the different departments of the School. Talks by members of the Club on methods and results in the various departments, and addresses by other persons on matters of literary and scientific interest are given at its meetings. The Club holds a reception for all officers and students of the School near the beginning of each academic year. The circular of the Club may be obtained on application.

Graduate Students may also become members of the Canadian Club, the Southern Club, and of many of the large number of societies which exist in the University for religious, ethical, political, literary, musical, and social objects.

They may also join the Harvard Dining Association, which uses the great dining-room of Memorial Hall, or the Foxcroft Club, a coöperative organization for reducing the expenses of students, having quarters near the College yard.

Besides the regular courses of instruction, many public LECTURES and READINGS, are given each year under the auspices of the University, on topics interesting to students in connexion with their work. See pp. 132-142.

A public series of ORCHESTRAL CONCERTS is given each year at Sanders Theatre in Memorial Hall by the Boston Symphony Orchestra.

PUBLICATIONS.

A few departments of study issue periodicals or yearly volumes, embodying the work of instructors and students at the University. Other departments make regular contributions, under an official heading, to the proceedings of certain learned societies or to journals of literature and science, existing outside of the University. The publications which proceed directly from the departments are the following: —

HARVARD ORIENTAL SERIES; Vol. I. issued; Vols. II. and III. in press.
HARVARD STUDIES IN CLASSICAL PHILOLOGY (yearly); Vols. I.-IV. issued.
STUDIES AND NOTES IN PHILOLOGY AND LITERATURE (Modern Language Departments; yearly); Vols. I. and II. issued.

QUARTERLY JOURNAL OF ECONOMICS; in its seventh year.

ANNALS OF THE OBSERVATORY OF HARVARD COLLEGE; thirty volumes issued.

PUBLICATIONS OF THE MUSEUM OF COMPARATIVE ZOOLOGY; namely: **BULLETIN**, twenty-four volumes issued; **MEMOIRS BY PROFESSORS AND ASSISTANTS**, sixteen volumes issued.

PUBLICATIONS OF THE PEABODY MUSEUM OF AMERICAN ARCHAEOLOGY AND ETHNOLOGY; namely: **ANNUAL REPORTS**, twenty-four numbers issued; **PAPERS**, five numbers issued; **MEMOIRS**, one number issued.

THE HENRY WARREN TORREY FUND FOR PUBLICATION is in the hands of the Department of History.

RELIGIOUS SERVICES, ETC.

The public religious services of the University are held in Appleton Chapel, and are under the charge of the Plummer Professor of Christian Morals, assisted by a Board of five Preachers, of different denominations, annually appointed. See p. 43.

DEGREES.

The degrees of *Bachelor of Arts (A.B.)*, *Master of Arts (A.M.)*, *Doctor of Philosophy (Ph.D.)*, and *Doctor of Science (S.D.)* are open to members of the Graduate School, under such regulations as are established, from time to time, by the Faculty of Arts and Sciences.

The Statutes of the University require that no candidate for any of the ordinary degrees given by the University be recommended for such degree, except after thorough public examination, and a residence at the University of at least one year. For the degrees of Doctor of Philosophy and Doctor of Science, longer periods of residence, as fully stated below, are ordinarily required by special Standing Votes.

No year is counted to a student as a full year of study for a degree which is not devoted to studies approved by the Faculty, or under its authority, as forming a complete year's work for that degree.

Candidacy.

Any Bachelor of Arts of Harvard University may become a candidate for the degree of Master of Arts or of Doctor of Philosophy; and any Bachelor of Science of Harvard University may become a candidate for the degree of Doctor of Science.

A Graduate Student *not a Bachelor of Arts of Harvard University* who wishes to become a candidate for the degree of Bachelor of Arts, Master of Arts, or Doctor of Philosophy must apply to the Committee on Admission from other Colleges to be accepted as qualified for candidacy, or to learn the conditions on which he may be so accepted. Application should be made by filling out a blank which may be obtained at the Secretary's office or that of the Dean of the Graduate School. It should be accompanied by catalogues or calendars of the colleges or other institutions of advanced grade at which the student has previously studied, which must be marked so as to show clearly his course of study there; and also by certificates of his scholarship at such institutions. The Committee will take into account, at their discretion, extra studies pursued by the applicant, studies pursued by him since graduation, teaching of advanced grade, and professional study. *Early application* to the Committee is recommended, in order that the student may have time to conform his plans of study to such conditions as the Committee may impose.

A Graduate Student *not a Bachelor of Science of Harvard University* who wishes to become a candidate for the degree of Doctor of Science must make an application in like manner to the Administrative Board of the Lawrence Scientific School; presenting similar evidence of study and scholarship.

Near the close of each academic year, the Administrative Board of the Graduate School forms lists of that year's candidates for the degrees under their charge. Any Graduate Student, properly qualified for candidacy, who wishes to become a candidate for any degree must apply in writing, on or before the *thirtieth day of April*, to the Administrative Board of the Graduate School, to be placed on the list of candidates for the desired degree. He must send in at the same time a precise statement of the field of study or courses of instruction on which he will be prepared to offer himself for examination; and he must also state, in case he is an applicant for the degree of Doctor of Philosophy or Science, the title of his thesis. *No Graduate Student can present himself for examination for a degree until his application to be placed on the list of candidates has been granted by the Administrative Board of the Graduate School.* Students may ascertain at any time in the academic year, by application to the Administrative Board, whether their proposed courses and methods of study, if carried on for the required time, will be approved for the degrees sought.

The Degrees of A.B. and A.M.

A Graduate Student may become a candidate for the degree of BACHELOR OF ARTS under such conditions as may be imposed in his case by the Committee on Admission from other Colleges. These conditions are never less than a *full year of residence and study* devoted to courses which

would be approved for a Senior in Harvard College; and these courses must be attended, pursued, and passed, in a satisfactory manner.

The ordinary requirement for the degree of **MASTER OF ARTS** for a Bachelor of Arts of Harvard University, or for any student who has been accepted by the Committee on Admission from other Colleges as qualified for candidacy for the degree on the same footing as a Bachelor of Arts of Harvard University, consists of *four full courses of instruction of advanced grade, or their equivalent in courses and half-courses, approved by the Administrative Board of the Graduate School as affording suitable preparation for the degree, pursued for a complete academic year, and passed with high credit.* Further requirements may be imposed by the Committee on Admission from other Colleges, in the case of any student who is not a Bachelor of Arts of Harvard University.

As an equivalent for four full courses of instruction of advanced grade, the Administrative Board of the Graduate School may, at their discretion, accept a smaller number of courses, embracing Courses of Research or advanced study outside of the regular courses, as affording a sufficient ground for the degree of Master of Arts.

Studies pursued in a professional school may be approved by the Administrative Board of the Graduate School as constituents of the scheme of study offered for the degree of Master of Arts; but only under the condition that the candidate is precluded from offering any of the same studies, at any time, for a professional degree. A professional student, not a Bachelor of Arts of Harvard University, who wishes to be a candidate for the degree of Master of Arts, must make application to the Committee on Admission from other Colleges, to be accepted as qualified for candidacy. His studies must be approved for the degree of Master of Arts by the Administrative Board of the Graduate School; and his application for such approval must be made to the Board *on or before the thirtieth day of April.* It is advisable to apply to the Committee and the Board early in the year.

The practice of conferring the degree of Master of Arts *in connexion with a professional degree* has existed for several years, but has now been discontinued; except that students who had completed one year of study for the two degrees before the beginning of the academic year 1892-93 retain the privilege which they had under the former rule. The degree of Master of Arts has also, but with a like exception in favor of rights already acquired, been severed from the degree of Doctor of Philosophy.

The Degrees of Ph.D. and S.D.

For the degree of **DOCTOR OF PHILOSOPHY**, *two years of residence and study at this University*, devoted to advanced studies, approved as affording suitable preparation for the degree by the Committee on Honors and

Higher Degrees in that Division of the Faculty in which the student is to be a candidate, are required of students already qualified for candidacy for the degree.

For the degree of DOCTOR OF SCIENCE, *three years of scientific study*, approved as affording suitable preparation for the degree by the proper Divisional Committee on Honors and Higher Degrees, — at least *two* of these years being years of *residence at this University*, — are required of students already qualified for candidacy for the degree.

A Bachelor of Arts of Harvard University may be excused from one of the two years of residence (not of study) for the degree of Doctor of Philosophy, by special vote of the Faculty of Arts and Sciences; provided the Faculty see sufficient reason for this exemption. A Bachelor of Science of Harvard University may, in like manner, be excused from *one* of the two years of residence (not of study) for the degree of Doctor of Science, by special vote of the Faculty of Arts and Sciences; and, under the same condition. A student who holds the two degrees of Bachelor of Arts and Bachelor of Science from Harvard University is excused from *one* of the three years of study required for the degree of Doctor of Science.

The periods of residence and study named above for the degrees of Doctor of Philosophy and Doctor of Science must be regarded merely as *minimum requirements*. *The requirements of time for the degrees of Doctor of Philosophy and Science are wholly secondary*. These degrees do not rest on any computation of time, or any enumeration of courses; although no student can become a candidate for one of them until he has, in the judgment of the Administrative Board of the Graduate School, fulfilled the requirements of residence and study for the prescribed periods.

The degree of *Doctor of Philosophy or Science* is given, not for the mere reason of faithful study for a prescribed time or in fulfilment of a determinate programme, and never for miscellaneous studies, but on the ground of long study and high attainment in a special branch of learning, manifested not only by examinations, but by a thesis, which must be presented and accepted before the candidate is admitted to examination, and must show an original treatment of a fitting subject, or give evidence of independent research.

Any person on whom the University confers the degree of Doctor of Philosophy or Science is thereby recognized as qualified to give instruction to candidates for this degree in the department in which he has taken the degree, and to advance knowledge in that department by his own investigation.

A candidate for the degree of Doctor of Philosophy must offer himself for examination in some one of the following Divisions of the Faculty of Arts and Sciences: Semitic Languages and History; Ancient Languages;

Modern Languages; Philosophy; History and Political Science; Music; Pure and Applied Mathematics; Physics; Chemistry; Natural History; American Archaeology and Ethnology. Within his chosen Division, he must name some special field of study, approved as sufficient by the Committee on Honors and Higher Degrees in that Division. He is liable to minute examination on the whole of that special field; and is also required to prove such acquaintance with the subject-matter of his Division in general as the committee in that Division shall require.

A candidate for the degree of Doctor of Science must offer himself for examination on two subjects, or fields of study, in the range of the mathematical, physical, and natural sciences. He must show special attainments in one of these subjects, and is liable to minute examination in the whole ground which it covers; and he is also required to have such general knowledge in the Division to which his special studies belong as the Committee on Honors and Higher Degrees in that Division shall require. His thesis must embody some contribution to science or some special investigation.

Any student who means to become a candidate for the degree of Doctor of Philosophy or Science must carry on his studies with the approval and under the direction of the Committee on Honors and Higher Degrees in that Division of the Faculty of Arts and Sciences to which his special studies belong. He should give early written notice of his intention to be a candidate to the chairman of the committee; and he should consult the chairman, at suitable intervals, about his plans of study.

An applicant for the degree of Doctor of Philosophy or Science must hand a fair copy of his thesis, on or before the *first day of May*, to the chairman of the committee in his Division; and the chairman has power to reject a thesis not plainly written. No candidate is admitted to examination till his thesis has been approved by the committee; and, on the approval of the thesis, and as early as the *first day of June*, the thesis is deposited, with a certificate of approval signed by a special committee, at the office of the University for inspection by any member of the Faculty.

A successful candidate is allowed to print his thesis as one accepted for the degree, with the certificate of approval and the signatures of the approving committee; and either a printed or a written copy of the thesis and the original certificate must be deposited in the Library, and must be open to public inspection.

The branch of study in which the degree of Doctor of Philosophy or Science is conferred is named in the diploma and in the Quinquennial Catalogue of the University; and the special field of study and the title of the thesis are also named in the Commencement programme and the next following annual Catalogue.

A student who has taken the degree of Master of Arts may count the study and residence, already offered for that degree, towards fulfilling the formal requirements for admission to candidacy for the degree of Doctor of Philosophy also; provided the committee in the proper Division approve such study and residence as suitable to be so counted.

FELLOWSHIPS AND SCHOLARSHIPS.

The appointments carrying pecuniary aid which are available for Graduate Students for the purpose of enabling them to carry on their studies are divided into Fellowships and Scholarships; the former being the more valuable and important of these appointments, and the latter those of less value. In this classification, the Tyndall Scholarship is included among fellowships.

A list of the fellowships and scholarships held by Graduate Students is given below. It embraces, for the current academic year, *sixty-five* appointments:—of which eighteen are fellowships, with yearly incomes ranging from seven hundred and fifty to four hundred dollars; and forty-seven are scholarships, with yearly incomes ranging from three hundred to one hundred and fifty dollars. This enumeration does not include the Supplementary Foundations, also named below, which may be given by their several trustees to Graduate Students, but are not assigned by the Faculty of Arts and Sciences.

Some of the fellowships and all the scholarships are restricted to Resident Students; some fellowships, by the terms of their foundations, permit study abroad; and some fellowships may be used, at the discretion of the Faculty of Arts and Sciences, either as Resident or as Non-Resident Fellowships.

A Non-Resident appointment is awarded only to a graduate of some Department of Harvard University, or to a student who has pursued his studies at this University for several years. But the Resident appointments may be, and some of them are, bestowed on persons not previously members of the University; although a preference is given, in most cases,—especially in regard to the more important appointments,—to students who have already proved their high qualifications by work done here, in the College, the Graduate School, or some other Department of the University.

Appointments to fellowships and scholarships for any academic year are made by the Corporation, on recommendation by the Faculty of Arts and Sciences, towards the close of the preceding academic year. Applications for appointment or reappointment should be sent in during the month of March, and *as early in the month as possible*, in order to facilitate the work of examination and comparison. *No applications received after the*

last day of March are ordinarily considered in the regular assignment. Blanks for applications may be obtained from the Secretary of the University or from the Dean of the Graduate School. A new applicant, not already a student at Harvard University, should accompany his application with testimonials from those best qualified to speak with confidence of his qualities, attainments, and promise, and by such other documents as he may think proper to send. All applications should be addressed to *The Committee on Fellowships, Secretary's Office, No. 5, University Hall, Cambridge, Mass.* A few appointments are commonly made after the regular assignment, to fill vacancies arising from withdrawals and otherwise. For these appointments applications made later than the month of March may be considered.

Every Resident holder of a fellowship or scholarship is required to devote himself to studies, constituting *a complete year's work*, for which, as a fellow or scholar, he has obtained the approval of the Administrative Board of the Graduate School; and to do all the work belonging to such studies punctually, regularly, and with high credit. He is liable to be deprived of his appointment at any time, if he fail to satisfy this requirement.

Every Non-Resident holder of a fellowship must keep his *address* constantly on file at the office of the Dean of the Graduate School, together with a statement of the *studies* which he is pursuing in fulfilment of the purposes of his appointment, and of the *method in which he is carrying on those studies*. He is also expected to be in frequent communication with the Dean and with some professor of the University, and to submit a report of his work, on applying for reappointment and on retiring from his fellowship.

Every holder of a fellowship or scholarship is expected to *retain his place* throughout the year for which he is appointed, unless compelled to withdraw by stringent reasons; and to engage in *no other occupation*, without leave of the Administrative Board of the Graduate School.

All appointments are made for one year only. They may be renewed; but none of the higher appointments can be held for more than three years; and they are commonly restricted, in practice, to two years.

The following is a detailed list of Fellowships and Scholarships for the academic year 1894-95:—

FELLOWSHIPS.

THE HARRIS FELLOWSHIP was founded in 1868 by William Minot, jr., as executor of HENRY HARRIS, with an original endowment of ten thousand dollars. The yearly income of this foundation, now \$500, is applied under the following conditions established by the founder:—

"That this income be given to some graduate of acknowledged excellence in one or more departments of literature or science (but not necessarily of the highest college rank), for one or more years; that the recipient satisfy the Corporation of his need of such aid, and his purpose to make the most of it; that residence at Cambridge be required, unless excused for substantial reasons, and that marriage be a disqualification; that studies for the professions of law, theology, or medicine, be excluded from the studies of the recipient; and that the Corporation be authorized to make such other restrictions and conditions as in its judgment will best secure from the recipient his entire devotion to accurate scholarship or the higher branches of science."

THE ROGERS FELLOWSHIPS were founded in 1869 by HENRY BROMFIELD ROGERS, with an endowment of twenty thousand dollars:—

"... For the encouragement and attainment of a higher, broader, and more thorough scholarship than is required or expected of Undergraduates, in all sound literature and learning, except science strictly so called, . . ."

Two fellowships now exist on this foundation, each having an annual income of \$750.

The incumbents of these fellowships must be graduates of Harvard College; and must be such persons as, from their "natural gifts, attainments, and general character, intellectual and moral," the Corporation, "after consultation with the Faculty of the College, shall deem best fitted to attain the object contemplated by this donation."

The conditions of incumbency are that every holder of one of these fellowships "shall faithfully devote his time and thoughts to the pursuit of such branches and courses of study as he, with the approbation of the Corporation, may select. That, whilst a recipient of this grant, he shall engage in no studies designed to prepare him for a special profession, nor in any other business or occupation except that of a Proctor of the College, or an occasional examiner of some of the classes, at the request of the Corporation. That, from time to time, he shall be subject to be called upon to give such evidence of his fidelity and proficiency as the Corporation may require, and especially to write essays and dissertations upon such subjects, within the circle of his studies, as they shall designate; and these, when completed, shall be at their disposal."

It was originally provided that an appointment should be made each year from the Senior Class, and that residence in Cambridge should be required; but these conditions were modified, in 1877, so that the Corporation may, at their discretion, appoint graduates of longer standing, and may permit the incumbents to reside abroad for the purpose of study.

THE PARKER FELLOWSHIPS. — Four Fellowships of the annual value of \$700 each have been created from the income of the bequest of JOHN PARKER, JR., received in 1878. These Fellowships may be held by graduates of Harvard College or of any other Department of the University, for a term not exceeding three years in any case. Appointments to these Fellowships are made annually by the President and Fellows of Harvard College, ordinarily upon recommendation of the Faculty of Arts and Sciences, early in the month of May in each year; but the appointments so made must receive, under the provisions of the founder's will, the approval of the Governor and Chief Justice of the Commonwealth of Massachusetts and the President of the American Academy of Arts and Sciences, or of two of them. The holder of a Parker Fellowship must devote himself to some special course of study approved by the Faculty of Arts and Sciences; he is restricted, during his tenure of the Fellowship, from pursuing the usual studies preparatory to a profession (but not necessarily from higher professional studies), and from occupation in teaching or active business; he is liable to be called upon from time to time to give satisfactory evidence of his fidelity and proficiency; and he is liable to lose his appointment, by vote of the President and Fellows, whenever the evidence of his fidelity and proficiency shall be unsatisfactory to the Faculty of Arts and Sciences, or whenever he may become for any reason unfit, in the opinion of the President and Fellows, to hold a Fellowship.

The object of Mr. Parker's bequest is to provide the most thorough education possible for persons who possess uncommon powers in any department of knowledge, or who give promise of developing such powers, but who have not at command the means of paying for a prolonged and costly training. Incumbents of these Fellowships may study abroad, if they prefer.

THE JOHN THORNTON KIRKLAND FELLOWSHIP. — This Fellowship, having an endowment of about eleven thousand dollars, was founded in 1873 by GEORGE BANCROFT, LL.D. The incumbent of this Fellowship must, as a rule, have resided at least three years at the University as a member either of the College or of one of the Schools. The Fellowship may be held for three years, and no longer; but the appointment must be renewed from year to year, on evidence that the incumbent is fulfilling the purpose of the endowment. It may be awarded to "any young person likely to distinguish himself in either of the learned professions, or in any branch of Science, or in Architecture, Sculpture, Painting, Music, or Letters." The appointment to this Fellowship is made by the President and Fellows, on recommendation of the Faculty of Arts and Sciences at or about Commencement in each year. The incumbent

may study abroad, if he prefer. The yearly income of this Fellowship is now \$550.

THE JAMES WALKER FELLOWSHIP.—This Fellowship, having an endowment of ten thousand dollars, and an income of \$500, was established in 1881 by gift of the friends and pupils of the late President Walker. In awarding the Fellowship, the President and Fellows are to give the preference to a student of ethics, metaphysics, and those related branches of knowledge to which Dr. Walker chiefly devoted his life.

THE MOREAN FELLOWSHIPS.—These fellowships are maintained by the President and Fellows from the bequest of HENRY T. MORGAN of New York. Their number and income are subject to variation from year to year. For the year 1894-95, there are four, with an income of \$500 each.

These Fellowships are to be assigned to persons undertaking advanced studies, in the departments in which the degrees of Doctor of Philosophy and Doctor of Science are given. The applicant need not have received, or be a candidate for, any academic degree, but must exhibit proof of such previous training, attainments, and capacity, as promise special fitness for the work which he undertakes. The holder of a Morgan Fellowship is required to carry on his studies subject to the approval and under the supervision of the Standing Committee in the department in which his studies lie, to reside in Cambridge through the academic year, and to engage in no other occupation, except such public instruction as may have been approved by the Faculty of Arts and Sciences. The term of appointment to a Morgan Fellowship is one year, but the holder is eligible for appointment for a second term.

The appointments are made annually by the President and Fellows on recommendation of the Faculty of Arts and Sciences.

THE JOHN TYNDALL SCHOLARSHIP, with an annual income of five hundred dollars, was founded in 1885 by Professor TYNDALL, who gave to Harvard College the sum of ten thousand eight hundred dollars, with directions "to apply the whole net income thereof in supporting or assisting to support one or more American pupils who may have shown decided talents in Physics, and preferably such as shall express the determination to devote their lives to the advancement of theoretic science and original investigation in that department of learning.

"Each person so assisted shall be either a graduate or a student in some department of Harvard University, but not necessarily a candidate for a degree.

"His studies and researches may be conducted at such places in America or at such European Universities as may be considered most desirable, and shall be approved by the Academic Council of Harvard University.

Such assistance may be continued to the same student from year to year so long as may be recommended by the Academic Council; but the appointment must be renewed annually, and only upon satisfactory evidence that the incumbent is fulfilling the purpose of the endowment. The student should be required from time to time to furnish evidence of his fidelity, proficiency, and good character.

If in the course of any year no student of sufficient ability and promise shall require aid from said fund, or for any reason the whole income of said fund shall not be expended, the surplus may either be added to the principal or may be expended in addition to the income of a subsequent year or years.

The President and Fellows are authorized at their discretion to impose such conditions and make such requirements upon the recipient of aid from said fund as will best secure his faithful devotion to the purposes of this foundation."

THE ROBERT TREAT PAINE FELLOWSHIP OF SOCIAL SCIENCE, established in 1887, has an endowment of ten thousand dollars, the gift of ROBERT TREAT PAINE of the Class of 1855.

The annual income is \$500, and may be awarded "to one or more graduates of any department of the University, wishing to study either at home or abroad the ethical problems of society, and the efforts of legislation, governmental administration and private philanthropy to ameliorate the lot of the masses of mankind.

"Appointments shall be made for the term of one year only, but may be renewed at the discretion of the President and Fellows."

THE MEMORIAL FELLOWSHIPS.—In 1889 Mr. WILLIAM S. BULLARD gave the sum of thirty thousand dollars to found three fellowships in grateful and affectionate remembrance of three friends, and the following fellowships were thereupon established, with a yearly income of \$450 each:—

THE HENRY LEE MEMORIAL FELLOWSHIP for the study of Political Economy.

THE OZIAS GOODWIN MEMORIAL FELLOWSHIP for the study of Constitutional or International Law.

THE HENRY BROMFIELD ROGERS MEMORIAL FELLOWSHIP for the study of Ethics in its relations to Jurisprudence or to Sociology.

The Memorial fellowships may, at the discretion of the Faculty of Arts and Sciences, be held by graduates either of this University or of others, and either by resident students at this University or by persons studying abroad.

SCHOLARSHIPS.

At present, the following twenty-seven Scholarships, assignable under the terms of their foundation to either graduate or undergraduate students, are reserved for the enjoyment of graduate students : —

GEORGE AND MARTHA DERBY SCHOLARSHIP, with an income of two hundred and fifty dollars; founded by Miss Martha C. Derby in 1881.

CHARLES HAVEN GOODWIN SCHOLARSHIP, with an income of three hundred dollars; founded in 1889 by Professor William W. Goodwin in memory of his son, a graduate of the Class of 1888. This scholarship is to be assigned at or near the beginning of each academic year to some deserving student who will be benefited by it, but not necessarily to one who is dependent upon such assistance for the ability to remain at the University. The beneficiary must be approved by the Senior Professor of Greek and the Senior Professor of Latin in the University; and he must be either a student in the highest class in Harvard College who is distinguished for his scholarship in Greek and Latin, or a graduate of Harvard College who has distinguished himself there in classical scholarship and is a student of classical philology in the Graduate School of the University.

JAMES SAVAGE SCHOLARSHIP, with an income of three hundred dollars; founded by James Savage of Boston in 1878.

SHATTUCK SCHOLARSHIPS. Seven with an income of three hundred dollars each, from a bequest made by the late Dr. George Cheyne Shattuck of Boston, in 1847, for the benefit of needy persons of superior merit pursuing at the College the study of any language or languages, or of mathematics or any branch thereof.

THAYER SCHOLARSHIPS. Ten, with an income of three hundred dollars each. In 1857 John Eliot Thayer of Boston bequeathed to several persons named by him, in trust, the sum of fifty thousand dollars, to pay the income thereof to the ten most meritorious scholars in Harvard University who may actually need the same.

GORHAM THOMAS SCHOLARSHIP, with an income of two hundred dollars. In 1865 Dr. Alexander Thomas of Dorchester gave three thousand dollars, to found a scholarship in memory of his son, a graduate of the College.

TOPPAN SCHOLARSHIP, with an income of three hundred dollars. In 1868 Mrs. Ann Toppan of Portsmouth, N. H., bequeathed five thousand dollars to found a scholarship in memory of her husband, Christopher S. Toppan.

TOWNSEND SCHOLARSHIPS. Four, with an income of two hundred and fifty dollars each, and one, with an income of two hundred dollars, founded

in 1861 by Miss Mary P. Townsend of Boston, by a bequest to the College of twenty thousand dollars, the income of which is to be used for the benefit of indigent scholars.

In addition to the above scholarships, which rest on permanent foundations, the following are at present maintained by order of the President and Fellows :—

UNIVERSITY SCHOLARSHIPS. Twenty, with an income of one hundred and fifty dollars each.

SUPPLEMENTARY FOUNDATIONS.

Besides the fellowships and scholarships which are in charge of the Faculty of Arts and Sciences, the following foundations are, or may be, available for the benefit of graduate students :—

THE HUMBOLDT FUND; of about nine thousand dollars; founded by subscription in 1870 at the instance of Professor Louis Agassiz, for the encouragement of the study of Zoölogy. The income is applied, with the advice of the Faculty of the University Museum, towards the maintenance of one or more persons engaged in study at the Museum, the Newport Marine Laboratory, or the Wood's Holl Fish Commission Station.

THE HEMENWAY FELLOWSHIP; founded in 1890 by Mrs. Mary E. Hemenway, to be held by a student of Harvard University, pursuing the study of American Archaeology and Ethnology. It is awarded annually by the Trustees of the Peabody Museum to a student in the Graduate School. The Trustees may require the incumbent to render such assistance to the Peabody Professor of Archaeology or the Curator of the Museum as they think fitting. The present annual value of this fellowship is five hundred dollars.

THE THAW FELLOWSHIP; established in 1890 by Mrs. Mary Copley Thaw, in memory of her husband, the late William Thaw, for "work and research relating to the Indian race of America, or other ethnological and archaeological investigations;" to be awarded by the Trustees of the Peabody Museum. The present annual income of this fellowship is one thousand and fifty dollars; and is now payable, under certain conditions, by the terms of the gift, to a student at the Peabody Museum, nominated by the founder.

THE SCHOLARSHIP OF THE HARVARD CLUB OF SAN FRANCISCO; instituted in 1886 by that club, to be awarded to a graduate of the University of California studying in the Graduate School of this University. The appointment is made annually by the Harvard Club of San Francisco, in consultation with the Faculty of the University of California.

THE SCHOLARSHIP OF THE ROCKY MOUNTAIN HARVARD CLUB; established in 1890 by that club, to be awarded to a promising graduate of a Colorado college or school pursuing his studies at Harvard University. The appointment is made annually by a committee of the club. Applications must be sent to the Secretary of the Club, Denver, Col., before June 1st. The award for the ensuing year is announced at the Commencement exercises of the school or college wherein the successful candidate has been a student.

THE VIRGINIA BARRET GIBBS SCHOLARSHIP; with an income of two hundred and fifty dollars; founded in 1892 by Mr. Theodore K. Gibbs of New York. This scholarship is to be assigned to "one or more students who may have shown decided talent in Zoölogy and preferably in the direction of marine Zoölogy." The incumbent must be "either a graduate or a student in some Department of Harvard University, but not necessarily a candidate for a degree. His studies and researches may be conducted at the Natural History Laboratories of the Museum of Comparative Zoölogy at Harvard College, at the Newport Marine Laboratory, or at such European Laboratories or other place on the seashore in this country or elsewhere as may be approved by the Faculty of the Museum of Comparative Zoölogy and by the Professors of Zoölogy and Comparative Anatomy of Harvard University." The appointment is made annually by the President and Fellows on the recommendation of the Faculty of the Museum and the Professors of Zoölogy and Comparative Anatomy.

A TABLE AT THE NAPLES ZOÖLOGICAL STATION has been placed at the disposal of the Faculty of the Museum of Comparative Zoölogy.

An applicant must be (or have been recently) a student or instructor at some American University, preferably a person who has taken the degree of Ph.D. or S.D.; he must have published some creditable original investigation, and should be recommended as an able investigator by the professor under whom he has studied. Applicants will please forward to Alexander Agassiz, Director, their recommendations and a statement of their qualifications and of the subject to which they hope to devote themselves. They are requested to state the length of time they desire to remain at Naples, and also the earliest and latest dates within which they can avail themselves of the appointment. Applications may be made at any time. The Faculty will, at suitable intervals, make nominations to the President and Fellows.

PRIZES.

The following prizes are open for competition to Resident Students in the Graduate School. For the subjects and terms of competition, see pp. 143-150.

TWO BOWDOIN PRIZES, of *one hundred dollars* each, for dissertations on subjects in literature and science, and for translations from Greek and Latin.

THE TOPPAN PRIZE, of *one hundred and fifty dollars*, for the best Essay (of sufficient merit) on a subject in Political Science.

THE SUMNER PRIZE, of *one hundred dollars*, for the best dissertation on a subject connected with the topic of Universal Peace and the methods by which War may be permanently superseded.

THE DANTE PRIZE, of *one hundred dollars*, for the best essay on a subject drawn from the Life or Works of Dante.

THE GEORGE B. SOHIER PRIZE, of *two hundred and fifty dollars*, for the best thesis presented by a successful candidate for Honors in English or in Modern Literature.

TWO PAINE PRIZES, of *one hundred dollars* each, for essays on the ethical aspect of the modern social questions.

THE SALES PRIZE, of *forty-five dollars*, for the study of Spanish.

FEEs, BONDS, AND EXPENSES.

The annual tuition-fee for a Resident Student in the Graduate School, doing full work, is \$150. A student regularly registered, and paying this fee, is entitled to all the general privileges of the University. He has the right to take any courses for which he is qualified, given under the authority of the Faculty of Arts and Sciences; but in laboratory-courses he must pay certain additional special fees, named below.

Students in regular standing in any department of the University, paying the full tuition-fee, are admitted free to any of the instruction and the examinations given in any other department; except exercises carried on in special laboratories.

A Resident Student who wishes to have the year counted to him as a *complete year of study for any degree* is required to pay the full tuition-fee of \$150; besides special laboratory fees, if he takes any laboratory-course.

The fees for *single courses*, charged to Resident Students who are *not doing full work*, are as follows:—

For any laboratory-course, \$150, besides the special laboratory-fees; for any regular course, not a laboratory-course or course of research, \$45; for any half-course, not a laboratory-course, \$25; for a course of research, or for instruction outside of the regular courses, a sum equal to the fee for one, two, or more courses, according to the number of courses to which the Administrative Board of the Graduate School shall consider it equivalent, as part of the student's work for the year. But the minimum fee

charged to any student is \$30; and the maximum fee is \$150, covering any number of courses.

Every Non-Resident Student, not holding a fellowship, is required to pay at least \$30. Non-Resident holders of fellowships are charged no fees.

The special laboratory-fees are as follows: For each laboratory-course in Physics, the fee is \$10, which covers all charges. For study in the Chemical and Mineralogical laboratories, there is a general fee, which varies from \$5 to \$30, according to the nature and amount of the work undertaken, and also an individual fee for the use of materials in special investigations and for breakage, and in payment of fines for violation of the laboratory regulations. For laboratory-courses in Natural History and in Psychology, the fee is \$5, which covers all charges.

The fee for the examination for the degree of Ph.D. or S.D. is \$30; but this fee is not charged to any candidate who has paid the full tuition-fee of \$150 for at least one year as a Graduate Student.

Graduates of the University or of other collegiate institutions desirous of pursuing their studies at Cambridge without guidance, may enjoy the use of the Library on the payment of five dollars a year; but such graduates are not entitled to be classed as students of the University, nor will residence on these terms be accepted as residence constituting membership of the Graduate School or qualifying for any degree.

Members of the Graduate School, except Non-Resident holders of fellowships, must give bonds in the sum of \$200, signed by two bondsmen, one of whom must be a citizen of the United States, for the payment of all dues to the University. Instead of filing a bond, any student who prefers may pay his fees in advance, and deposit with the Bursar such a sum of money as may be deemed sufficient to secure payment of all other dues to the University. Every student who lives in a College room or boards at Memorial Hall or the Foxcroft Club must file the same bond as an undergraduate (\$400), or pay rent for the year in advance, and make a deposit with the Bursar as security for the payment of his board at the rate of \$5 a week.

No officer or student of the University is accepted as a bondsman.

The University bills are issued December 22, March 22, and one week before Commencement; and are payable January 12, April 12, and October 10; but the third bill of every candidate for a degree must be paid at least one day before Commencement. Each bill contains one third of the annual charges. When a student withdraws from the School, his whole bill becomes payable at once.

The first third of the academic year begins with the academic year, and ends December 31. The second third begins January 1 and ends March 31. The last third begins April 1 and ends at Commencement.

A student who enters the Graduate School after the beginning of the academic year (paying the tuition-fee of a student doing full work) is charged for instruction from the beginning of the third in which he enters. One who withdraws during the year is charged only to the end of the third in which he leaves, if before that time he gives written notice of his withdrawal to the Dean of the Graduate School; otherwise he is charged to the end of the third in which such written notice is given.

Deduction from the full tuition-fee of \$150 a year is made for properly notified absence, as follows: for absence for three consecutive months, \$80; for absence during the whole year, not including the mid-year and final examinations, or either of them, \$100. A student who claims a deduction, on the ground of absence, must present at the Bursar's office a certificate from the Recorder as to the fact and duration of his absence; and in order to obtain such a certificate, he must have given previous notice of his intended absence to the Recorder.

A student not paying the full fee of \$150 a year, but paying only for *single courses*, must pay *the whole year's fee* for such courses, without deduction for absence or withdrawal.

Members of any Department of the University can board at cost by joining the Association which uses the great dining-hall of Memorial Hall. The cost of board to the members of this association is ordinarily about \$4.10 a week. The Hall opens on the last Wednesday in September.

Upwards of two hundred members of the various Departments of the University are admitted annually to the Foxcroft Club, a coöperative organization having quarters adjoining the College yard. Simple articles of food are furnished to order at cost, making it possible to board at the Club for from \$2.50 to \$3.00 a week. By using the Club's reading room and its reference library, members are enabled to lodge cheaply at a distance from the University or in suburban towns. Applications should be made early.

The HEMENWAY GYMNASIUM is open to all students of the University.

For information about the Graduate School, application may be made to the *Secretary of Harvard University*, No. 5, University Hall, Cambridge, Mass.; or, in term-time, to the *Dean of the Graduate School*, at his office, No. 10, University Hall. *Letters should in all cases be directed to the office, and not to the private address of the officer.*

THE DIVINITY SCHOOL.

FACULTY.

CHARLES W. ELIOT, LL.D., *President.*

CHARLES C. EVERETT, D.D., LL.D., *Dean, and Bussey Professor of Theology.*

JOSEPH HENRY THAYER, D.D., LITT.D., *Bussey Professor of New Testament Criticism and Interpretation.*

CRAWFORD H. TOY, LL.D., *Hancock Professor of Hebrew and other Oriental Languages, and Dexter Lecturer on Biblical Literature.*

FRANCIS G. PEABODY, D.D., *Plummer Professor of Christian Morals.*
— — —, *Parkman Professor of Theology.*

EPHRAIM EMERTON, PH.D., *Winn Professor of Ecclesiastical History.*

DAVID G. LYON, PH.D., *Hollis Professor of Divinity.*

JOHN WESLEY CHURCHILL, A.M., *Instructor in Elocution.*

GEORGE F. MOORE, D.D., *Lecturer on the Hebrew Religion and Literature.*

EDWARD HALE, A.B., D.B., *Assistant in Homiletics,*

FRANK D. CHESTER, PH.D., *Assistant in Semitic Languages.*

ROBERT S. MORISON, A.M., D.B., *Librarian, and Secretary of the Faculty.*

STUDENTS.

RESIDENT GRADUATES.

NAME.	RESIDENCE.	ROOM.
Allen, Joseph Cady, (<i>Meadville Theol. School</i>) 1893,	Rochester, N. Y.	94 Wendell St.
Applebee, John Henry, (<i>Meadville Theol. School</i>) 1894,	Allston,	10 Ashford
Bourne, Alexander Phoenix, A.B. (<i>Brown Univ.</i>) 1890, (<i>Andover Theol. Seminary</i>) 1894, <i>Williams Fellow,</i>	New York, N. Y.	[St., Allston. D. 41.

Brown, William Channing, (<i>Meadville Theol. School</i>) 1894,	<i>Tyngsborough,</i>	D. 12.
Farwell, Herbert Cunningham, (<i>Meadville Theol. School</i>) 1894,	<i>Clinton,</i>	94 Wendell St.
Forbes, Frank Sumner, A.B. (<i>Bates Coll.</i>) 1885, D.B. (<i>Oberlin Coll.</i>) 1888, <i>Brook, Me.</i>		55 Kirkland St.
Helms, Edgar James, PH.D. (<i>Cornell Coll., Ia.</i>) 1889, D.B. (<i>Boston Univ.</i>) 1893, <i>Boston,</i>		34 Hull St., [Boston.]
Mevis, Lyman, (<i>Bangor Theol. Seminary</i>) 1890,	<i>E. Douglas,</i>	1244 Mass. [Ave.]
Ogilvie, Andrew Urquhart, (<i>Bangor Theol. Seminary</i>) 1892, A.B. (<i>Bowdoin Coll.</i>) 1894,	<i>Ludlow,</i>	D. 22.
Olmsted, Jephtha Montrose, (<i>Hamilton Theol. Seminary</i>) 1892,	<i>W. Townsend,</i>	100 Ellery St.
Parker, Charles Albert, A.B. (<i>Brown Univ.</i>) 1886, A.M. (<i>Ibid.</i>) 1889, (<i>Rechester Theol. Seminary</i>) 1889, <i>Lake City, Col.</i>		57 Franklin St.
Whipple, Frank Lewis, A.B. (<i>Dartmouth Coll.</i>) 1885, A.M. (<i>Ibid.</i>) 1888, (<i>Andover Theol. Seminary</i>) 1894,	<i>Hamilton,</i>	D. 42.
Wicks, Frank Scott Corey, (<i>Meadville Theol. School</i>) 1894,	<i>Worcester,</i>	10 Howland St.

SENIOR CLASS.

Gebauer, George Rudolph,	<i>Philadelphia, Pa.</i>	81 Wendell St.
Hussey, Alfred Rodinan, A.B. 1892,	<i>New Bedford,</i>	F. 8.
Jenkins, Burris Atkins, A.B. (<i>Bethany Coll.</i>) 1891,	<i>Kansas City, Mo.</i>	46 Langdon St.
Reccord, Augustus Phineas, A.B. (<i>Brown Univ.</i>) 1892,	<i>Fairhaven,</i>	D. 29.
Rowlison, Carlos Carson, A.B. (<i>Eureka Coll.</i>) 1891,	<i>Eureka, Ill.</i>	D. 39.
Wood, Earl Boynton, A.B. (<i>Bowdoin Coll.</i>) 1892,	<i>Bangor, Me.</i>	D. 2.

MIDDLE CLASS.

Barrell, Walter Lewis, A.B. 1893,	<i>Cambridge,</i>	9 Francis Ave.
Borncamp, John Edward, A.B. (<i>Univ. of Minnesota</i>) 1893,	<i>Valley City, N. D.</i>	D. 7.
Crooks, Charles Melvin, A.B. (<i>Ohio State Univ.</i>) 1892,	<i>Van Wert, O.</i>	D. 5.

Eaton, Horace Ainsworth, A.B. 1893,	Cambridge,	Elmwood Ave.
Hahn, Andrew, A.B. 1893,	Newton,	Newton.
Hall, Angelo, A.B. 1891,	Georgetown, D. C.	D. H. 5.
Hannum, Harry Oliver, A.B. (<i>Univ. of Minnesota</i>) 1893,	Minneapolis, Minn.	D. 7.
Hudson, Adelbert Lathrop, LL.B. (<i>State Univ. of Iowa</i>) 1876, A.B. (<i>Ibid.</i>) 1893,	Sioux City, Ia.	D. 23.
Jones, Silas, A.B. (<i>Eureka Coll.</i>) 1892,	Newman Ill.	D. 39.
Langton, Joseph Francis, A.B. (<i>McGill Univ.</i>) 1887,	Montreal, Can.	D. 11.
Pressey, Edward Pearson, A.B. 1893,	Freemont, N.H.	7 Miller St., Somerville.
Reed, Willard, A.B. 1891,	Baltimore, Md.	D. 15.
Stearns, Wallace Nelson, A.B. 1893,	Madison, O.	D. 14.
Wright, Henry Collier, A.B. (<i>Ohio Wesleyan Univ.</i>) 1892,	Le Roy, O.	D. 4.

JUNIOR CLASS.

Calkins, Raymond, A.B. 1890, A.M. 1894,	Newton,	54 Kirkland St.
Coar, Arthur Herbert, A.B. (<i>Williams Coll.</i>) 1894,	Cambridge,	51 Wendell St.
Fox, John Pierce, A.B. 1894,	Dorchester,	D. 33.
Greenman, Lyman Manchester, A.B. 1894,	Chelsea,	D. 19.
Jones, Joseph Henry, A.B. (<i>Elon Coll.</i>) 1894,	Holland, Va.	D. H. 1.
Kerlin, Robert Thomas, A.M. (<i>Central Coll.</i>) 1890,	Albany, Mo.	17 Dunster St.
Laine, Willie Joseph, A.B. (<i>Elon Coll.</i>) 1894,	Airfield, Va.	D. H. 1.
Rand, Edward Kennard, A.B. 1894,	Watertown,	D. 31.
Robson, Kernan, A.B. (<i>Ohio Normal Univ.</i>) 1891, A.B. (<i>Ohio Wesleyan Univ.</i>) 1892, A.M. (<i>Ibid.</i>) 1893, A.M. 1894,	N. Greenfield, O.	D. 6.
Starbuck, Edwin Eli, A.B. (<i>Indiana Univ.</i>) 1890, A.B. 1894,	Bridgeport, Ind.	11 Howland St.
Towers, Frederick, A.B. (<i>Univ. of New Brunswick</i>) 1877,	Chapel Hill, N.C.	16 Shepard St.
White, Harry, A.B. 1891, A.M. 1894,	Eatontown, N. J.	D. 36.
Wilcomb, Chester James,	Chester, N. H.	20 Ware St.

SPECIAL STUDENTS.

Bennett, Frederick Marsh, L.B. (<i>Univ.</i> <i>of Illinois</i>) 1889,	<i>Milford Centre, O.</i> D. 10.	
Kennedy, Richard Hunter,	<i>Chattanooga, Tenn.</i> Revere St., Linden.	
Lindh, Eric Isidore, A.B. 1893,	<i>W. Acton,</i>	<i>W. Acton.</i>
Porter, Charles Hunt, Jr.	<i>Quincy,</i>	<i>D. 17.</i>

SUMMARY.

RESIDENT GRADUATES	13
SENIOR CLASS	6
MIDDLE CLASS	14
JUNIOR CLASS	13
SPECIAL STUDENTS	4
TOTAL	50

The Constitution of this School prescribes that "every encouragement be given to the serious, impartial, and unbiassed investigation of Christian truth, and that no assent to the peculiarities of any denomination of Christians shall be required either of the instructors or students."

THE DIVINITY SCHOOL.

COURSES OF INSTRUCTION.

As more courses are presented than are required for the degree of D.B., a certain amount of election will be allowed. Students must, in every case, submit to the Faculty for its approval a list of the studies which they propose to take.

OLD TESTAMENT.

1. Hebrew. Davidson's Introductory Hebrew Grammar. Explanation of parts of Genesis and of the Psalm-book. *Mon., Wed., Fri., at 11.* Dr. CHESTER.
2. Hebrew (Second Course). — Syntax. — Interpretation of parts of the Prophets and the Poetical Books. *Tu., Th., at 3.30.* Professor LYON.
3. Jewish Aramaic. Kautzsch's *Biblisch-Aramäische Grammatik.* — Brown's Aramaic Method. Interpretation of selections from the Targums, and from Ezra and Daniel. *Twice a week (second half-year).* Professor LYON.
4. History of Israel, political and social, from Saul till the death of Herod the Great. *Tu., Th., and (at the option of the instructor) Sat., at 11.* Professor LYON.
5. History of pre-Christian Hebrew Literature. *Wed., 2.30-4.30.* Dr. MOORE.
This course is open to those only who have taken Course 4 or its equivalent.
6. History of the Hebrew Religion, with comparison of other Semitic religions. *Fri., 2.30-4.30.* Dr. MOORE.
This course is open to those only who have taken Courses 4 and 5 or their equivalent.
7. Assyrian. Lyon's Assyrian Manual. Abel and Winckler's *Keilschrifttexte.* *Mon., Fri., at 12.* Dr. CHESTER.
8. Assyrian (Second Course). Delitzsch's Assyrian Grammar. Delitzsch's *Assyrische Lesestücke.* The Cuneiform Inscriptions of Western Asia (interpretation of selections). *Mo., Fri., at 9.* Professor LYON.
9. Research-course. The instructors will arrange and supervise for any properly prepared student a line of special study on such subject as may be agreed on.

Other Semitic courses given in the University are open (though not reckoned for the degree of D.B.) to students of the School in regular standing: namely, two in Arabic, each twice a week, one in either Ethiopic or Phœnician, once a week (omitted in 1894-95), one in Moslem history, once a week, by Professor TOY (omitted in 1894-95); and one in Babylonian-Assyrian history, once a week, by Professor LYON.

The Semitic Seminary holds meetings once a week throughout the academic year. At each meeting a paper, based on independent investigation, is read by a student, and a discussion follows. Besides the essays letters from foreign correspondents are read from time to time, and notes are presented calling attention to new publications, to travels, explorations, and discoveries, and to additions to the Semitic Museum and the Semitic Library. The meetings are held in the Semitic Library-room.

NEW TESTAMENT.

1. New Testament Times:—the political, social, moral, and religious Condition of the World when Christ appeared. *Wed., Fri., at 9 (first half-year).* Professor THAYER.
2. Outline Lectures on Theological Encyclopaedia and Literature; the Characteristics of the New Testament Greek; the Septuagint; Textual Criticism; the Life of Christ; Study of the Gospels; Essays and Criticisms. *Mon., at 10, Wed., at 12.* Professor THAYER.
3. New Testament Introduction:—the Origin, Contents, and History of the New Testament Writings, together with the Formation of the Canon. *Wed., Fri., at 9 (second half-year).* Professor THAYER.
4. Outline Lectures on the Life of Paul; Study of the Epistles; Essays and Criticisms. *Mon., at 9, Th., at 12.* Professor THAYER.
5. Lectures on our English Bible and its recent Revision. Lectures on topics in Biblical Theology. Exposition of Difficult Texts. Essays and Criticisms. *Tu., Fri., at 12.* Professor THAYER.
6. Biblical Interpretation:—its History, its Methods, its Principles and their Application (to New Testament Passages of historical, prophetic, ethical, and doctrinal import). *Once a week.* Professor THAYER.
7. Advanced Study and Research:—on such topics as the antecedents and aims of individual students may render advisable. Professor THAYER.
8. Classical Aramaic (Syriac). Roediger's *Chrestomathia Syriaca*, ed. 3. The Peshitto version of the New Testament. *Mon., at 11.* Professor LYON.

The New Testament Seminary meets on the second and fourth Monday evenings of every month to hear and discuss papers upon topics relating to the New Testament.

Opportunity will be given also of reading with Professor Thayer some of the more interesting extra-Biblical documents of the first and second centuries in the original Greek and Latin; for example: Plutarch's treatise on "The Delay of the Deity in the Punishment of the Wicked"; Philo's "Legatio ad Gaium"; Josephus against Apion; the Apologies of Aristides and Justin; the "Apologeticus" of Tertullian; the correspondence of Pliny and Trajan; the Gospel and Apocalypse of Peter; the Teaching of the Twelve Apostles; etc.

CHURCH HISTORY.

- [1. The first eight Christian centuries. — The conflict of Christianity and Paganism. Origin and development of the Roman Papacy to its alliance with the Frankish State. The Germanic races as the basis of a new Christian civilization. Professor EMERTON.]

Omitted in 1894-95.

- [2. The Middle Ages from Charlemagne to Dante. — Foundation of the European States. The Holy Roman Empire. The Roman Papacy as the controlling force in European Life. Professor EMERTON.]

Omitted in 1894-95.

3. The Era of the Reformation in Europe from the rise of Italian Humanism to the close of the Council of Trent, 1350-1568. *Tu., Th., at 11.* Professor EMERTON.
4. History of Christian Doctrines. *Tu., Th., at 2.30.* Professor EMERTON.
5. The Sources and History of the Canon Law, with a study of the legal foundations of the Protestant Churches. *Fri., at 12.* Professor EMERTON.
6. Advanced Study and Research in connection with the Seminary in Mediaeval History. Special topic: Relations of Church and State. *Wed., at 2.30.* Professor EMERTON.

COMPARATIVE RELIGION.

Studies in the Comparative History of Religions, particularly the Vedic Religion, the Hindu Philosophies, Buddhism, Mazdaism, and the Chinese Religions. *Th., Sat., at 9.* Professor EVERETT.

ETHICS.

The Ethics of the Social Questions. The Questions of Charity, Divorce, the Indians, Temperance, and the various aspects of the Labor Question (Socialism, Communism, Arbitration, Coöperation, etc.), as problems of practical Ethics. Lectures, essays, and practical observations. *Tu., Th., and (at pleasure of the instructor) Sat., at 10.* Professor PEABODY.

THEOLOGY.

1. The Philosophy of Religion. — An Introduction to the study of Theology. *Wed., at 10.* Professor PEABODY.
2. Systematic Theology begun: The Psychological Basis of Religious Faith. *Tu., at 9.* Professor EVERETT.
3. Systematic Theology continued: The Content of Christian Faith. An elaborate essay on some Theological subject is expected from each student taking this course. *Mon., Wed., Fri., at 11.* Professor EVERETT.

HOMILETICS AND PASTORAL CARE.

1. The Structure and Analysis of Sermons. Private criticism, *Fri., at 9, 10, 12, and 1.30.* General exercise, *Fri., at 11.* Mr. HALE.
2. Each student writes six sermons during the year, three of which are preached before the two upper classes and criticised by students and Instructor [*Mon., at 2.30*]; the rest are criticised privately [*Wed., at 12*], and are preached at a weekly religious exercise of the School which is open to the public. Professor PEABODY.
3. Pastoral Care and the Conduct of Worship, *Fri., at 10.* Professor PEABODY.

ELOCUTION.

Mr. CHURCHILL meets the students, individually or in small groups, for instruction in Elocution, *Mon., 10-1 and 3.30-5.* Mr. CHURCHILL is also present at the Class Exercises in Homiletics 2, *Mon., at 2.30.*

GENERAL EXERCISES.

Preaching by students in the Chapel of the School, open to the public. *Once a week.*

Meetings for Religious Conference, conducted by students. *Once in two weeks.*

Evening Prayers, conducted by professors and students.

Instruction in other Departments of the University.

Students of this School in regular standing are entitled to attend, without extra charge, any exercises in the College, or other departments of the University, for which they may show themselves fitted; except exercises in Laboratories. This provision does not apply to Special Students unless they pay fees varying according to the amount of instruction taken.

It is assumed that in every case the larger part of the work of the student will be done in connection with the School.

LIBRARY.

Students have access to the Divinity School Library, which consists of about 26,000 volumes and 5200 pamphlets; to the College Library, which consists of about 323,000 volumes and is rich in theological literature; and, for consultation, to the other Departmental Libraries, containing over 100,000 volumes.

There is connected with the Divinity School Library a room containing a select theological library, together with special books of reference, to which students have admission during the day and evening.

THE DEGREE OF BACHELOR OF DIVINITY.

Students properly qualified, who have been connected with the School for not less than one year, and have passed satisfactorily examinations on studies representing thirty hours a week of class work, and on the German language, and written the required theses, may receive the degree of Bachelor of Divinity. Studies representing more than thirteen hours of class work, will, however, not be accepted for this purpose in any one year, except in the case of candidates for admission to advanced standing.

It is recommended that the German required for the degree be taken in the Junior year, as a knowledge of this language will be found of great service during the remainder of the course.

THE DEGREE OF MASTER OF ARTS.

Bachelors of Arts, properly qualified,* who do not intend to apply for the degree of Bachelor of Divinity, may receive the degree of Master of Arts, after pursuing for one year at the School a course of theological study accepted as suitable and sufficient for the purpose, and passing with high credit an examination on the same.

* See p. 319 of the University Catalogue.

CERTIFICATES FOR SPECIAL STUDENTS.

Special students who have passed a satisfactory examination in one or more subjects, are entitled to a certificate, stating the length of time they have been members of the School, and specifying the subjects in which they have been examined.

ADMISSION.

Testimonials. Candidates for admission must furnish testimonials of character and scholarship.

Resident Graduates. Graduates of Theological Schools will be admitted as Resident Graduates to all the privileges of the School, and may, with the approval of the Faculty, pursue such studies as they may select in other departments of the University, it being understood that the greater part of their work is done in connection with the Divinity School.

Candidates for the degree of D.B. Candidates for the degree of Bachelor of Divinity must have received the degree of Bachelor of Arts, or must satisfy the Faculty that their education has been equal to that of graduates of the best New England colleges.

Advanced Standing. Graduates of other Theological Schools who have the degree of A.B., or who satisfy the Faculty that their education has been equal to that of graduates of the best New England colleges, and bring evidence of high standing in the schools from which they have graduated, may be admitted to the Senior Class without examination, and thus become candidates for the degree of Bachelor of Divinity.

Candidates may be admitted to advanced standing upon satisfactory evidence by examination.

Special Students. Persons not candidates for the degree of Bachelor of Divinity may be admitted to the School as Special Students on giving satisfactory evidence of such proficiency in the Greek and Latin classics as is ordinarily required for admission to a New England college, and in the Greek of the New Testament.

SCHOLARSHIPS AND OTHER PECUNIARY AID.

With the single exception named in connection with the Williams Fund (that the recipient of that fund must be a Protestant), the pecuniary aid furnished by the School is given without regard to denominational differences. No person proposing to enter the School may expect to receive aid, unless he can show a record of at least seventy-five per cent or its equivalent on his College examinations, and by his character, and in other respects, gives promise of usefulness, and unless he can give evidence that he needs such help.

If the work in the School of any student who has received help falls below the standard named, or if his course proves in any respect unsatisfactory, such help will be discontinued.

The fitness of persons entering the School as Special Students to receive aid will be determined in part by the record that they bring and in part by their entrance examination.

The funds applicable to this purpose are as follows :—

1. Ten Scholarships established in the School, varying in their annual income from one hundred to two hundred dollars. They are assigned by the President and Fellows on the recommendation of the Faculty.

These scholarships are :—

The CHAPMAN SCHOLARSHIP, founded by the Rev. George Chapman, with an income of one hundred dollars.

TWO CARY SCHOLARSHIPS, founded by Thomas Cary, Esq., with an income of one hundred and twenty dollars each.

FOUR SCHOLARSHIPS ON THE JACKSON FOUNDATION, founded by Miss Sarah Jackson, with an income of one hundred and sixty dollars each.

The CLAPP SCHOLARSHIP, founded by Joshua Clapp, Esq., with an income of one hundred and eighty dollars.

The KENDALL SCHOLARSHIP, founded on the donation of Miss Nancy Kendall, with an income of one hundred and forty dollars.

The JONAS H. KENDALL SCHOLARSHIP, founded by Jonas H. Kendall, Esq., with an income of two hundred dollars.

2. The income of the bequest of Abner W. Buttrick, Esq., of Lowell, is awarded by the President and Fellows "to such deserving young men as they shall select, to aid them in preparing and educating themselves for the ministry of the Gospel." The annual income of this bequest is about six hundred and forty dollars.

3. The income of the William Pomroy Fund, amounting to about fifty dollars.

4. The income of the Hopkins Fund is awarded by a Board of Trustees to six students, who need aid, who must have received the degree of A.B., who have given evidence of diligent and successful study, and who receive no money or remuneration for services from the University. The shares will probably amount to about three hundred and twenty-five dollars each.

5. The income of the Williams Fund is awarded, by the Society for promoting Theological Education, to students recommended by the Faculty, who comply with the requisitions of that Society. According to the terms of this bequest, the income is to be given to "such indigent students of Theology, resident in Cambridge, as shall be preparing themselves for the ministry, and shall be deemed most meritorious and worthy of assist-

ance;" and "no student shall be debarred of this charity by reason of not having had a degree at a college, or being educated at any other college, or entertaining any peculiar modes of faith, it being always understood that he must be a Protestant."

For the year 1895-96 three Resident Williams Fellowships of \$350 each are offered to graduates of this or any other Theological School who purpose to enter the Christian ministry. These Fellowships are intended to encourage advanced theological work of a high order. Applications, accompanied by recommendations and specimens of work, must be sent to ROBERT S. MORISON, Secretary of the Divinity Faculty, as early as May 1st, 1895.

The income of the Williams Fund amounts to about four thousand dollars.

The incomes from these various sources, exclusive of the Hopkins Fund and the Williams Fellowships, may be so combined that a student who needs and merits help may receive from \$150 to \$250.

Resident Graduates, not Williams Fellows, stand on the same footing as other students in regard to scholarships and other pecuniary aid.

EXPENSES AND BONDS.

The average expenses for the year are : —

For rent and care of room	\$60.00
For tuition	50.00
For board, 38 weeks	152.00
For fuel	25.00
	<hr/>
	\$287.00

To which are to be added the expenses of furniture, washing, and lights.

It is probable that the price of board at Memorial Hall will not exceed \$4.10 a week.*

Divinity Hall, the dormitory of the Divinity School, has been rearranged and improved, and contains 43 rooms; Divinity House in the rear of Divinity Hall contains 5 rooms. The rooms are unfurnished, but the use of furniture can generally be obtained from the Loan-Furniture System of the University, at the annual charge of five dollars for a complete set. All these rooms are primarily reserved for students of the Divinity School, and will not be assigned to other students until the Thursday on which the academic year begins. On that day a list of the rooms not previously engaged will be posted at the Bursar's office and applications may be made to him. The Dean of the Divinity School, however, reserves the right of

* For board at the Foxcroft Club, see p. 240 of the University Catalogue.

discriminating between applications as the interests of the school may in his judgment dictate.

The rooms range in price as follows :

N. B. In each case the price is for the whole room from the beginning of the academic year until the next Commencement, and includes the daily care of the room.

- \$40. Divinity Hall Nos. 6, 10; Divinity House No. 4.
- \$45. " " " 4, 5, 9, 12.
- \$50. " " " 2, 3, 11, 14, and A.
- \$55. " " " 1, 13; Divinity House No. 2.
- \$60. " " " 20, 22, 24, 34, 38; Divinity House No. 5.
- \$65. " " " 18, 21, 26, 28, 32, 40, 42; Divinity House No. 1.
- \$70. " " " 7, 8, 35, 36.
- \$75. " " " 16, 27, 30, 41; Divinity House No. 3.
- \$80. " " " 15, 17, 19, 23, 25, 29, 31, 33, 37, 39.

Application for rooms should be made as early as possible in order that a choice may be secured.

The Bursar may cancel the assignment of a room to any student who does not take possession of it on or before the first day of October.

The term-bills are issued December 22, March 22, and one week before Commencement, and are to be paid respectively on or before January 12, April 12, and October 10; but the third bills of candidates for degrees must be paid at least one day before Commencement. Each bill will contain one third of the annual charges. When a student severs his connection with the School, his whole bill becomes payable at once.

The fee for instruction is \$50 a year. A student who joins the Divinity School after the beginning of the academic year will be charged for instruction from the beginning of the third in which he joins. One who leaves during the year will be charged for instruction only to the end of the third in which he leaves, if before that time he gives written notice of his withdrawal to the Secretary of the Faculty; otherwise he will be charged for instruction to the end of the third in which such written notice is given. The first third begins at the beginning of the academic year and ends December 31. The second third begins January 1 and ends March 31. The last third begins April 1 and ends at Commencement.

Every student must file a bond with the Bursar in the sum of \$200, signed by two bondsmen, one of whom must be a citizen of the United States, as security for the payment of his dues to the University; or he may deposit with the Bursar \$200 in money or in United States bonds, for the same purpose; or he may deposit \$50 as security, and pay his tuition fees in advance as follows:—one third on or before October 1, one third on or before January 1, and one third on or before April 1. Any student who takes advantage of the last rule must pay in advance the

full year's rent of any room which may be assigned to him, and, if he boards at Memorial Hall, must make a deposit at the rate of \$5 a week in advance. Interest is not allowed on deposits. No officer or student of the University will be accepted as a bondsman.

The Academic year begins the Thursday after the last Wednesday in September.

Further information will be furnished, if desired, on application to ROBERT S. MORISON, Secretary of the Divinity Faculty.

TABULAR VIEW OF THE EXERCISES IN HARVARD DIVINITY SCHOOL. 1894-95.

TABULAR VIEW.

349

	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9-10	Old Testament 8. New Testament 4.	Theology 2.	New Test. 1,* 3,b	Comp. Religion.	Old Testament 8. New Test. 1,* 3,b Hom. 1 (<i>pr. crit.</i>).	Comp. Religion.
10-11	New Testament 2. Elocution.	Ethics.	Theology 1.	Ethics.	Semitic Seminary. Hom. 1 (<i>pr. crit.</i>). Homiletics 3.	Ethics.
11-12	Old Testament 1. New Testament 8. Theology 3. Elocution.	Old Testament 4. Church History 3.	Old Testament 1. Theology 3.	Old Testament 4. Church History 3.	Old Testament 1. Theology 3. Hom. 1 (<i>generat.</i>).	Old Testament 4.
12-1	Elocution.	New Test. 5 and 6.	New Testament 2. Hom. 2 (<i>pr. crit.</i>).	New Testament 4.	New Test. 5 and 6. Church History 5. Hom. 1 (<i>pr. crit.</i>).	
1.30-2.30					Hom. 1 (<i>pr. crit.</i>).	
2.30-3.30	Homiletics 2.	Church History 4.	Old Testament 6. Church History 6.	Church History 4.	Old Testament 6.	
3.30-4.30	Elocution.	Old Testament 2.	Old Testament 6.	Old Testament 2.	Old Testament 6.	
4.30-5	Elocution (<i>General exercises</i>).					

* First half-year.

b Second half-year.

THE LAW SCHOOL.

FACULTY.

CHARLES W. ELIOT, LL.D., *President.*
 CHRISTOPHER C. LANGDELL, LL.D., *Dean, and Dane Professor of Law.*
 JAMES BRADLEY THAYER, LL.D., *Weld Professor of Law.*
 JEREMIAH SMITH, LL.D., *Story Professor of Law.*
 JOHN CHIPMAN GRAY, LL.D., *Royall Professor of Law.*
 JAMES BARR AMES, A.M., LL.B., *Bussey Professor of Law.*
 EUGENE WAMBAUGH, LL.D., *Professor of Law.*
 JOSEPH HENRY BEALE, A.M., LL.B., *Assistant Professor of Law.*
 SAMUEL WILLISTON, A.M., LL.B., *Assistant Professor of Law.*

FREDERICK PERRY FISH, A.B., *Lecturer on Patent Law.*
 FRANK BREWSTER, A.M., LL.B., *Instructor in the Peculiarities of Massachusetts Law and Practice.*

JOHN H. ARNOLD, *Librarian.*

STUDENTS.

THIRD YEAR.

NAME.	RESIDENCE.	ROOM.
Abbott, John, A.B. (<i>Dartmouth Coll.</i>) 1891,	<i>Rochester, N. H.</i>	126 Mt. Auburn St.
Apsey, Albert Stokes, A.B. 1893,	<i>Cambridge,</i>	S. 9.
Babcock, Worthington Ely, S.B. (<i>Amherst Coll.</i>) 1892,	<i>Columbus, O.</i>	1727 Cambridge St.
Bass, Lewis, Jr., A.B. 1893,	<i>Quincy,</i>	W. H. 21.
Blanchard, John Adams, A.B. 1891,	<i>Boston,</i>	8 Gloucester St.,
Blaney, Charles Crosby, A.B. 1891,	<i>Boston,</i>	H'y 9. [Boston.
Breckinridge, John Cabell,	<i>Ft. Hamilton, N. Y.</i>	H'ke 48.

- Brownell, Edward Ibarra, A.B.
(Brown Univ.) 1892, *Bristol, R. I.* 1697 Cambridge St.
 Calkins, Leighton, A.B. 1890, *Newton,* S. 5.
 Cleveland, Charles Dexter, A.B.
(Williams Coll.) 1892, *New York, N. Y.* Winthrop 18.
 Codman, Julian, A.B. 1892, *Boston,* 57 Marlboro St.,
 Cook, Benjamin, Jr., A.B., 1892, *Fall River,* T. 58. [Boston.
 Cotter, James Ambrose, A.B.
 1893, *Boston,* H. 6.
 Coulter, Alfred Frazer, *Boston,* 2 Plymouth St.,
 Cummings, Harry Irving, A.B. [Boston.
 1891, *Merrimac,* Felton Building 18.
 Currie, George Hendon, L.B.
(Univ. of N. C.) 1891, *Clarkton, N. C.* 1697 Cambridge St.
 Dodge, Henry Percival, A.B. 1892, *Boston,* W. H. 80.
 Davis, R T, Jr. *St. Joseph, Mo.*
 Donovan, Joseph, *Lawrence,* 40 Irving St.
 Doyle, William Barnabas, *Akron, O.* T. 38.
 Eskridge, Richard Stevens, *Tacoma, Wash.* T. 37.
 Everett, Alexander Leo, A.B.
(Trinity Coll., Cambridge, [Boston.
Eng.) 1892, *Washington, D. C.* 108 Marlboro' St.,
 Fiske, George Stanley, A.B. 1891, *Falmouth,* 261 Clarendon St.,
 Foster, Sumner Hatherly, *Brookline,* T. 37. [Boston.
 Friedman, Lee Max, A.B. 1893, *Boston,* P. 69.
 Frink, Leonard Alden, *Roxbury,* 17 Dunster St.
 Fuller, William Eddy, Jr., A.B.
 1892, *Taunton,* P. 10.
 Garcelon, William F, A.B. (*Bates*
Coll.) 1890, *Lewiston, Me.* P. 3.
 Gatling, Bartholomew Moore,
 A.B. (*Univ. of No. Carolina*)
 1892, *Raleigh, N. C.* 37½ Langdon St
 Gentry, William Henry Harrison,
 PH.B. (*Univ. of Cal.)* 1892, *Berkeley, Cal.* 19 Irving St.
 Gordon, John, *Boston,* 65 Hammond St.
 Gunnison, William Towne, A.B.
(Dartmouth Coll.) 1892, *Milford, N. H.,* 22 Mt. Auburn St.
 Haight, Charles Sherman, A.B.
(Yale Univ.) 1892, *Brooklyn, N. Y.* Winthrop 19.
 Hale, Richard Walden, A.B. 1892, *Boston,* Wadsworth 11 & 12.
 Hall, Gordon, B.S. (*Trinity Coll.)*
 1892, *Pasadena, Cal.* 1611 Mass. Ave.

Howard, Nelson Willard, A.B. (<i>Bates Coll.</i>) 1892,	<i>Lewiston, Me.</i>	65 Hammond St.
Hubbard, Nelson Chamberlin, A.B. (<i>Wesleyan Univ.</i>) 1892,	<i>Wheeling, W. Va.</i>	89 Irving St.
Hunt, Leavitt Jarvis,	<i>Weathersfield, Vt.</i>	2 Scott St.
Ingalls, Melville Edgar, Jr., A.B. 1892,	<i>Cambridge,</i>	Beck 42.
Jerris, Frederick Larrabee, A.B. 1891,	<i>Cambridge,</i>	13 Sumner St.
Johnstone, Hugo Richards,	<i>Keokuk, Ia.</i>	96 Prescott St.
Kimball, Edward Batchelder, LL.B. (<i>Columbia Univ.</i>) 1892,	<i>Baltimore, Md.</i>	T. 59.
Lewis, William Henry, A.B. (<i>Amer- herst Coll.</i>) 1892,	<i>Portsmouth, Va.</i>	1137 Mass. Ave.
McClennen, Edward Francis,	<i>Wrentham,</i>	Wrentham.
McKelleget, George Francis, A.B. 1892, A.M. 1892,	<i>Cambridge,</i>	709 Cambridge St.
McPherson, Donald Paxton, A.B. (<i>Gettysburg Coll.</i>) 1889,	<i>Gettysburg, Pa.</i>	1601 Mass. Ave.
Maurer, William Florian,	<i>Cleveland, O.</i>	40 Kirkland St.
Morris, Alvin Alexander, A.B. 1892,	<i>Cambridge,</i>	1886 Cambridge St.
Morse, Lewis Keenedy, A.B. 1891,	<i>Roxbury,</i>	T. 54.
Mullen, Thomas Aloysius, A.B. 1884,	<i>Cambridge,</i>	59 Brattle St.
Paine, Charles Cushing,	<i>Hyannisport,</i>	17 Dunster St.
Paine, John, A.B. (<i>Trinity Coll.</i>) 1892,	<i>Troy, N. Y.</i>	12 Mt. Auburn St.
Parcells, Frank Mershon, PH.B. (<i>Univ. of Cal.</i>) 1891,	<i>Oakland, Cal.</i>	71 Hammond St.
Parker, Henry Fenno, A.B. (<i>Brown Univ.</i>) 1889,	<i>Brockton,</i>	140 Lambert Ave.
Parker, Philip Stanley, A.B. 1890,	<i>Longwood,</i>	Mountfort St.,
Perkins, James Martin, A.B. 1892,	<i>Tamworth N. H.</i>	S. 11. [Longwood.
Pomeroy, Robert Watson, A.B. (<i>Yale Univ.</i>) 1891,	<i>Auburn, N. Y.</i>	Winthrop 30.
Putnam, James Lowell, A.B. 1892,	<i>Boston,</i>	488 Beacon St.,
Quinn, John, LL.B. (<i>Georgetown Univ.</i>) 1893,	<i>Fostoria, O.</i>	[Boston. 65 Hammond St.
Rembold, Gustav Adolf,	<i>San Francisco, Cal.</i>	11 Appian Way.
Rice, Herbert Ambrose, A.B. (<i>Brown Univ.</i>) 1889, A.M. (<i>Ibid.</i>) 1891,	<i>Panama, R. I.</i>	18 Trowbridge Pl.

Richards, Harry Sanger, PH.B. (<i>State Univ. of Ia.</i>) 1892,	<i>Osceola, Ia.</i>	15 Story St.
Rublee, George, A.B. 1890,	<i>Milwaukee, Wis.</i>	Ware 52.
Salinger, Alex David, A.B. (<i>Dartmouth Coll.</i>) 1892,	<i>Rochester, N. H.</i>	22 Mt. Auburn St.
Sears, Francis Philip, A.B. 1891,	<i>Boston,</i>	85 Mt. Vernon St.,
Shea, William Henry, A.B. 1892,	<i>Boston,</i>	P. 51. [Boston.
Sheppard, John Shoemaker, Jr., A.B. (<i>Williams Coll.</i>) 1891,	<i>Penn Yan, N. Y.</i>	Winthrop 31.
Smith, Harry Tyler, A.B. (<i>Univ. of Mich.</i>) 1892,	<i>Detroit, Mich.</i>	65 Hammond St.
Smith, Jeremiah, Jr., A.B. 1892,	<i>Dover, N. H.</i>	4 Berkeley St.
Stephens, George, Jr., A.B. 1892,	<i>Somerville,</i>	S. 11.
Sternfeld, Julius,	<i>Montgomery, Ala.</i>	17 Shepard St.
Sullivan, Cornelius Joseph, A.B. (<i>Amherst Coll.</i>) 1892,	<i>Holyoke,</i>	1727 Cambridge St.
Thompson, Lewis Sabin, A.B. 1892,	<i>Cambridge,</i>	62 Buckingham St.
Thomson, Bernard William Denis,	<i>Toronto, Can.</i>	[Boston. 85 Pinckney St.,
Thomson, R. Gurdon, A.B. (<i>Univ. of Mo.</i>) 1887,	<i>Slater, Mo.</i>	56 Mt. Auburn St.
Townsend, Edward Sands, A.B. 1892,	<i>Somerville,</i>	[Somerville. 17 Dartmouth St.,
Walcott, Charles, A.B. 1892,	<i>Cambridge,</i>	85 Sparks St.
Walker, William Homer, PH.B. (<i>State Univ. of Ia.</i>) 1892,	<i>Keokuk, Ia.</i>	17 Shepard St.
Williams, Frank Beverly, A.B. 1888, A.M. 1890,	<i>Cleveland, O.</i>	T. 29.
Williams, Waterman Lester, A.B. (<i>Amherst Coll.</i>) 1891,	<i>Holden,</i>	[Boston. 104 Pembroke St.,
Winslow, Charles Gibson,	<i>Boston,</i>	48 Brattle St.
Woods, William Sylvester,	<i>Newburyport,</i>	H. 4.

SECOND YEAR.

Allen, John Weston, A.B. (<i>Yale Univ.</i>) 1893,	<i>New Haven, Conn.</i>	Felton Building 11.
Arnold, James Dwight, A.B. 1894,	<i>N. Abington,</i>	M. 41.
Ayer, Walter, A.B. 1893,	<i>Chicago, Ill.</i>	Hilton Block 12.
Baldwin, Martin Tuttle, A.B. (<i>Amherst Coll.</i>) 1893,	<i>Burlington, Ia.</i>	10 Mellen St.
Ballou, Sidney Miller, A.B. 1893,	<i>Melrose Highlands,</i>	Little's Block 7.

Bannister, Lucius Ward, A.B. (<i>Leland Stanford Jr. Univ.</i>) 1898,	<i>Des Moines, Ia.</i>	15 Story St.
Barlow, Charles Lowell, A.B. 1898,	<i>New York, N. Y.</i>	52 Brattle St.
Beckwith, Charles Harris, A.B. 1894,	<i>Springfield,</i>	H. 19.
Bell, Gordon Knox, A.B. 1898,	<i>New York, N. Y.</i>	W. H. 53. [Boston.
Bell, Winston,	<i>Boston,</i>	78 Emerald St.,
Berry, Henry Newhall, A.B. 1893,	<i>Lynn,</i>	C't 46. [Brookline.
Blake, Henry Fordyce, A.B. 1893,	<i>Brookline,</i>	37 Carlton St.,
Bloss, Edward Buell, A.B. 1894,	<i>Titusville, Pa.</i>	M. 33.
Bowersock, Justin DeWitt, A.B. 1892,	<i>Lawrence, Kans.</i>	P. 57.
Bowler, Robert Pendleton, A.B. 1898,	<i>Bar Harbor, Me.</i>	52 Brattle St.
Buckminster, William Read, A.B. 1894,	<i>Malden,</i>	G. 10.
Burr, Nelson Beardsley, PH.B. (<i>Yale Univ.</i>) 1898,	<i>Auburn, N. Y.</i>	Winthrop 19.
Cashman, William Timothy, A.B. (<i>Mt. St. Mary's Coll.</i>) 1893,	<i>Boston,</i>	[Boston. 38 Concord Sq.,
Cass, Edward Smith, A.B. (<i>Amer- herst Coll.</i>) 1898,	<i>Rochelle, Ill.</i>	20 Mellen St.
Catlin, Donald Cameron, A.B. (<i>Illinois Coll.</i>) 1888, A.M. (<i>Ibid.</i>) 1891,	<i>Jacksonville, Ill.</i>	48 Irving St.
Chaney, George Carter, A.B.	<i>Leominster,</i>	T. 42.
Christy, Marshall Andrews, A.B. (<i>Coll. of New Jersey</i>) 1892,	<i>Pittsburg, Pa.</i>	Winthrop 12.
Coffin, Edward Russell, A.B. 1893,	<i>Lynn,</i>	W. H. 37.
Cook, Otis Seabury,	<i>New Bedford,</i>	467 Broadway.
Coolidge, Harold Jefferson, A.B. 1892,	<i>Boston,</i>	52 Brattle St.
Cosby, Arthur Fortunatus, A.B. 1894,	<i>Washington, D. C.</i>	H'y 23.
Cottrell, William Norman, S.B. (<i>Illinois Wesleyan Univ.</i>) 1891, A.B. (<i>Harvard Univ.</i>) 1898,	<i>Mason City, Ill.</i>	W. H. 24.
Cushman, Robert, A.B. (<i>Brown Univ.</i>) 1898,	<i>Providence, R. I.</i>	14 Trowbridge Pl.
Dacy, Albert Edgar, B.L. (<i>Notre Dame Univ.</i>) 1898,	<i>Woodstock, Ill.</i>	H'ke 3. [Boston.

Damon, Everett Flint,	Boston,	150 Chandler St.,
Davis, Joseph Marcus,	Grand Rapids, Mich.	58 Hammond St.
Davis, Wallace H, s.B. (<i>Amherst Coll.</i>) 1893,	Minneapolis, Minn.	54 Garden St.
Deavitt, Edward Harrington,		
PH.B. (<i>Univ. of Vt.</i>) 1893,	Montpelier, Vt.	61 Oxford St.
DeNormandie, Charles Lunt,		[Roxbury.
A.B. 1893,	Roxbury,	45 Lambert Ave.,
Dibblee, Albert James, A.B. 1893,	Ross, Cal.	
Dickerman, Robert Kerr, A.B.		
(<i>Yale Univ.</i>) 1893,	Foxboro',	Winthrop 27.
Dowling, Harry McCabe, A.B.		
(<i>De Pauw Univ.</i>) 1893,	New Albany, Ind.	20 Trowbridge St.
Dunklee, George Woodbury,	Brookline,	24 Williams St.,
Eaton, John Edgar, A.B. (<i>Acadia Univ.</i>) 1890, A.B. (<i>Harvard Univ.</i>) 1893,		[Brookline.
	Truro, N. S.	Hilton Block 4.
Elliott, George Blow, C.E. (<i>Va. Military Institute</i>) 1892,	Wilmington, N. C.	28 Holyoke St.
Ellis, David Abram, A.B. 1894,	Roxbury,	75 Dale St., Rox-
Ellis, Everett Carl,	Exeter, N. H.	W. H. 27. [bury.
Elmore, Samuel Dean, A.B. 1893,	Hartford, Conn.	473 Broadway.
Fearing, George Richmond, Jr.		
A.B. 1893.	Newport, R. I.	Manter Block 3.
Fiske, Charles Henry, Jr., A.B.		
1893,	Weston,	W. H. 17.
Frothingham, Louis Adams, A.B.		[Boston.
1893,	Boston,	16 Exeter St.,
Garfield, Irvin McDowell, A.B.		
(<i>Williams Coll.</i>) 1893,	Mentor, O.	Winthrop 26.
Gaulin, Alphonse, Jr., A.B.		
(<i>Laval Univ., Montreal</i>) 1893,	Woonsocket, R. I.	Brewer's Block.
Gerald, Albert Knight, A.B.		
(<i>Brown Univ.</i>) 1893,	Cambridge,	19 Trowbridge St.
Gregg, William Walker, A.B.		
(<i>Amherst Coll.</i>) 1892,	Elmira, N. Y.	58 Hammond St.
Gruwell, Robert Lyon, A.B. (<i>Le-land Stanford Jr. Univ.</i>) 1893,	Lower Lake, Cal.	47 Wallace St.
Hall, Edward Kimball, A.B.		
(<i>Dartmouth Coll.</i>) 1892,	Shelburne Falls,	22 Mt. Auburn St.
Hand, Billings Learned, A.B. 1893,		
A.M. 1894,	Albany, N. Y.	52 Brattle St.
Harwood, John Henry, A.B. 1893,	Newton,	W. H. 37.

Hebard, Alfred Partridge, A.B. 1889,	<i>St. Louis, Mo.</i>	Ware 14.
Hennessey, John Joseph, A.B. (<i>Holy Cross Coll.</i>) 1893,	<i>Lowell,</i>	D. H. A.
Hickey, James Henry, A.B. 1893,	<i>Cambridge,</i>	G. 37.
Hickox, Charles Ralph, Jr., A.B. (<i>Yale Univ.</i>) 1893,	<i>New York, N. Y.</i>	8 Mason St.
Hiler, Ernest Osgood, A.B. 1893,	<i>Jamaica Plain,</i>	T. 26.
Howe, William DeLancey, A.B. 1893,	<i>Cambridge,</i>	14 Concord Ave.
Howes, Edwin Alliston, A.B. 1894,	<i>Cambridge,</i>	S. 18.
Hughes, John Thomas, A.B. 1893,	<i>Brighton,</i>	1 Parkman St.,
Hunter, Robert William, A.B. 1893,	<i>Cambridge,</i>	[Brighton. 11 Appian Way.
Jenkins, George Raymond, A.B. (<i>Beloit Coll.</i>) 1892,	<i>Chicago, Ill.</i>	40 Kirkland St.
Joyce, Maurice Vincent, A.B. (<i>St. Louis Univ.</i>) 1893,	<i>E. St. Louis, Ill.</i>	1182 Mass. Ave.
Keith, Benjamin Lovett,	<i>Boston,</i>	706 Tremont St.,
Kilty, James Francis, A.B. 1890,	<i>Fitchburg,</i>	9 Banks St. [Boston.
Kemmerer, John Leisenring, A.B. (<i>Amherst Coll.</i>) 1893,	<i>Mauch Chunk, Pa.</i>	Ware 8.
Kendricken, John Martin, A.B. 1893,	<i>Roxbury,</i>	410 Harvard St.
Kent, Everett Edward, S.B. (<i>Worcester Poly. Inst.</i>) 1893,	<i>Worcester,</i>	Felton Building 11.
Kubli, Kaspar K, A.B. (<i>Univ. of Oregon</i>) 1893,	<i>Jacksonville, Ore.</i>	42 Kirkland St.
Lacey, Edward Norman, A.B. (<i>Amherst Coll.</i>) 1890,	<i>Danvers,</i>	32 Mellen St.
Lawrence, Van Courtlandt,	<i>Boston,</i>	Hotel Gladstone,
McClaghry, Harry Hull, A.B. (<i>Univ. of Cal.</i>) 1893,	<i>Galt, Cal.</i>	[Boston. 40 Irving St.
Manning, Robert Adams, A.B. (<i>Williams Coll.</i>) 1893,	<i>Marquette, Mich.</i>	Winthrop 26.
Matteson, Archibald Claffin, A.B. (<i>Brown Univ.</i>) 1893,	<i>Providence, R. I.</i>	1683 Cambridge St.
Meehan, William Patrick, A.B. 1894,	<i>Jamaica Plain,</i>	[Jamaica Plain. Washington St.,
Millan, Albion Leroy, A.B. 1893,	<i>Cambridge,</i>	12 De Wolf St.
Minton, John Michael, A.B. 1894,	<i>Jamaica Plain,</i>	14 Union Ave.,
Monette, Joseph, A.M. (<i>Laval Univ., Montreal</i>) 1891,	<i>Woonsocket, R. I.</i>	[Jamaica Plain. Brewer's Block 4.

Morse, George Albert, A.B. (<i>Amherst Coll.</i>) 1891,	Salem,	16 Oxford St.
North, Allen Alvin, A.B. (<i>Ohio Wesleyan Univ.</i>) 1892,	Greenville, O.	63 Gorham St.
O'Connell, Joseph Francis, A.B. (<i>Boston Coll.</i>) 1893,	Dorchester,	380 Washington St., [Dorchester.
Ogden, Hugh Walker, A.B. (<i>Univ. of Penn.</i>) 1890, A.M. (<i>Ibid.</i>) 1894,	Woodfords, Me.	55 Trowbridge St.
Ottis, Frank Joseph, A.B. (<i>Creighton Univ.</i>) 1891,	Humphrey, Neb.	H'ke 2.
Parker, Horace Earl,	Mason City, Ia.	55 Hammond St.
Peabody, Clarence Webster, A.B. (<i>Bowdoin Coll.</i>) 1893,	Portland, Me.	473 Broadway.
Peacock, Walter John,	Worcester,	1683 Cambridge St.
Pierce, John Higgins, A.B. (<i>Bowdoin Coll.</i>) 1893,	Portland, Me.	473 Broadway.
Pike, Charles Burrall, A.B. 1893,	Chicago, Ill.	Beck 47.
Quigley, William Alfred, A.B. 1894,	Cambridge,	84 Mellen St.
Quinby, Henry Cole, A.B. 1894,	Lakeport, N. H.	G. 11.
Reade, Charles Milton, A.B. 1894,	Pawtucket, R. I.	S. 19.
Richardson, Emmet Lee, A.B. (<i>Indiana Univ.</i>) 1891, A.M. (<i>Leland Stanford Jr. Univ.</i>) 1892,	Evansville, Ind.	47 Wallace St.
Rogers, Derby, A.B. (<i>Yale Univ.</i>) 1893,	New Canaan, Conn.	80 Holyoke St.
Rogers, Edward Hartwell, A.B. 1893,	Cambridge,	53 Norfolk St.
Rothwell, Thomas Harwood, A.B. (<i>Brown Univ.</i>) 1893,	Providence, R. I.	61 Oxford St.
Ryan, John McNulty, A.B. (<i>Georgetown Coll.</i>) 1893,	Chicago, Ill.	Quincy 12.
Sanders, Clarence Elmer, A.B. (<i>Illinois Coll.</i>) 1889,	Jacksonville, Ill.	48 Irving St.
Sanford, Allen Tilghman, PH.B. (<i>State Univ. of Iowa</i>) 1893,	Amber, Ia.	55 Hammond St.
Saville, Huntington, A.B. 1893,	Cambridge,	57 Shepard St.
Sears, Charles Brown, A.B. (<i>Yale Univ.</i>) 1892,	Brooklyn, N. Y.	Winthrop 23.
Sherwood, Howard Cocks, A.B. 1893,	New York, N. Y.	Winthrop 28.

Slee, Frederick Caldecott,	<i>Auburn, N. Y.</i>	1727 Cambridge St.
Stetson, Henry Crosby, A.B. (<i>Yale Univ.</i>) 1893,	<i>Bangor, Me.</i>	48 Buckingham St.
Stewart, Ralph Aldace, PH.B. (<i>Univ. of Vermont</i>) 1893,	<i>Wallingford, Vt.</i>	61 Oxford St.
Stone, Arthur Parker, A.B. 1893,	<i>Cambridge,</i>	24 Harris St.
Stone, Walter Coolidge, A.B. 1894,	<i>E. Watertown,</i>	129 Grove St., E.
Story, Oliver Howard, A.B. (<i>Amherst Coll.</i>) 1893,	<i>Gloucester,</i>	[Watertown. 19 Rutland St.
Street, George Howard, A.B. (<i>Yale Univ.</i>) 1891,	<i>Exeter, N. H.</i>	7 Sumner St.
Sturgis, Charles Russell, A.B. 1893,	<i>Boston,</i>	[Boston. 63 Beacon St.,
Swan, Charles Herbert, Jr., A.B. (<i>Bates Coll.</i>) 1893,	<i>Roxbury,</i>	[Boston. 98 W. Newton St.,
Tarr, Frederick Hamilton, A.B. (<i>Amherst Coll.</i>) 1891,	<i>Rockport,</i>	58 Wendell St.
Thurston, Edward Anthony, A.B. (<i>Brown Univ.</i>) 1893,	<i>Fall River,</i>	15 Ware St.
Thwaits, Frederick Charles, A.B. 1893,	<i>Milwaukee, Wis.</i>	W. H. 24.
Tripp, Philip Edmund, A.B. 1893,	<i>Fall River,</i>	G. 15.
Twombly, John Fogg, A.B. 1894,	<i>New York, N. Y.</i>	7 Brewster St.
Upton, Joshua Damon, A.B. 1893,	<i>No. Reading,</i>	Read's Block 4.
Vail, Davis Righter, A.B. 1893,	<i>Lyndon Centre, Vt.</i>	Claverly 28.
Wade, Robert Buchanan, A.B. (<i>Yale Univ.</i>), 1893,	<i>St. Louis, Mo.</i>	Winthrop 27.
Ware, Henry, A.B. 1893, A.M. 1894,	<i>Brookline,</i>	[line. Allerton St., Brook-
Watriss, Frederic Newell, A.B. 1892,	<i>Chicago, Ill.</i>	
Watson, Robert Jones, A.B. (<i>Kenyon Coll.</i>) 1893,	<i>London, O.</i>	Winthrop 29.
Webb, Willoughby Lane, LL.B. (<i>Columbia Univ.</i>) 1893,	<i>Twining, D. C.</i>	D. H. 5.
Wellington, Arthur Jefferson, A.B. 1894,	<i>Arlington,</i>	[ton. 8 Maple St., Arling-
Whitford, Edward Dwight, A.B. 1892,	<i>Waltham,</i>	P. 82.
Whittier, Clarke Butler, A.B. (<i>Leland Stanford Jr. Univ.</i>) 1893,	<i>Riverside, Cal.</i>	47 Wallace St.

Wiggin, Joseph, A.B. 1893,	<i>Malden,</i>	H'ke 50.
Wilder, James Austin, A.B. 1893,	<i>Honolulu, H. I.</i>	69 Mt. Auburn St.
Wing, Charles Sewall,	<i>Jamaica Plain,</i>	H'ke 25.
Wood, John Quinby, A.B. (<i>Wes-</i> <i>leyan Univ.</i>) 1890,	<i>Honolulu, H. I.</i>	32 Mellen St.
Wood, Lewis John, PH.B. (<i>Hiram</i> <i>Coll.</i>) 1893,	<i>Perry, O.</i>	63 Gorham St.
Woodman, William Hanscome,		
A.B. (<i>Bates Coll.</i>) 1890,	<i>Melrose,</i>	Melrose.
Woodworth, Ralph, A.B. 1893,	<i>Tonawanda, Cal.</i>	Felton Building 27.
Wurts-Dundas, Ralph,	<i>Philadelphia, Pa.</i>	1734 Cambridge St.
Young, Frank Lester, A.B. 1893,	<i>Harvard, Ill.</i>	S. 3.

FIRST YEAR.

Archer, Franklin Morse, A.B.		
(<i>Princeton Coll.</i>) 1894,	<i>Camden, N. J.</i>	12 Oxford St.
Arnold, Wilfred, B.S. (<i>Knox</i> <i>Coll.</i>) 1894,	<i>Galesburg, Ill.</i>	M. 39.
Bacon, Henry Selden, A.B. (<i>Yale</i> <i>Univ.</i>) 1893,	<i>Rochester, N. Y.</i>	61 Wendell St.
Barnum, Samuel,	<i>Topeka, Kan.</i>	D. 25.
Beals, Gardner, A.B. 1894,	<i>Boston,</i>	H'ke 29.
Bird, Theodore Read,	<i>Cambridge,</i>	17 Kinnaird St.
Bishop, Elias Bullard, A.B. 1894,	<i>Newton Centre,</i>	Newton Centre.
Blackhurst, Emmett Warren, A.B.		
(<i>N. Ind. Nor. School</i>) 1890,	<i>Blandinsville, Ill.</i>	24 Leonard Ave.
Blake, Frank Stanton, A.B. 1893,	<i>Boston,</i>	Claverly 38.
Bordman, John, Jr., A.B. 1894,	<i>Concord,</i>	Concord.
Bowers, John Albert, A.B. (<i>Dart-</i> <i>mouth Coll.</i>) 1894,	<i>Newport, N. H.</i>	55 Trowbridge St.
Bridgham, Samuel Willard, B.P.		
(<i>Brown Univ.</i>) 1894,	<i>E. Providence, R. I.</i>	24 Quincy St.
Brogan, Hugh Henry, A.B. 1885,		
PH.D. (<i>Univ. of Strassburg,</i> <i>Ger.</i>) 1891,	<i>Lowell,</i>	1122 Mass. Ave.
Brokaw, Joseph Howard, A.B.		
(<i>Marietta Coll.</i>) 1893,	<i>Roxbury, O.</i>	37 Putnam Ave.
Brown, George Emery,	<i>Fall River,</i>	H'ke 4.
Brown, Henry Park, S.B. (<i>Centre</i> <i>Coll.</i>) 1893,	<i>London, Ky.</i>	125 Mt. Auburn St.
Bullock, Chandler, A.B. 1894,	<i>Worcester,</i>	12 Kirkland Pl.
Burke, Walter Edward,	<i>Quincy,</i>	S. 8.

Burleigh, Preston Newell, A.B. (<i>Colby Univ.</i>) 1887,	Houlton, Me.	61 Oxford St.
Burr, Calvin, A.B. (<i>Yale Univ.</i>) 1894,	Auburn, N. Y.	Winthrop 20.
Butler, William Albert,	Milford, N. H.	D. 1.
Cahn, Louis Mayer,	Ashland, O.	M. 11.
Campbell, Douglas, A.B. (<i>Union Coll.</i>) 1894,	Cherry Valley, N. Y.	14 Rutland St.
Campbell, Francis A., A.B. (<i>Mt. St. Mary's Coll.</i>) 1894,	Boston,	[Boston. 660 Washington St.,
Campbell, James Shaw, A.B. (<i>Princeton Coll.</i>) 1894,	Sewickley, Pa.	12 Oxford St.
Carter, Albert Paine, A.B. 1894,	Newtonville,	W. H. 55.
Caswell, John,	Boston,	501 Beacon St., Bos
Christy, Bayard Henderson, A.B. (<i>Williams Coll.</i>) 1894,	Sewickley, Pa.	[ton.- Winthrop 12.
Clark, Alfred Pugh,	Brighton,	273 Western Ave.,
Clark, Edward Everett, A.B. 1894,	Cambridge,	S. 21. [Brighton.
Clark, Frederick Henry,	Portsmouth, N. H.	74 Boylston St.,
Clark, Harry Worthy, PH.B. (<i>Buchtel Coll.</i>) 1894,	Oakland, O.	[Boston. 65 Hammond St.
Clarkson, Coker Fifield, A.B. 1894,	Des Moines, Ia.	W. 15.
Conger, John Newton, Jr., S.B. (<i>Lombard Univ.</i>) 1893,	Galesburg, Ill.	42 Kirkland St.
Connors, Harry Myles, A.B. (<i>Colby Univ.</i>) 1893,	Bar Harbor, Me.	48 Wendell St.
Corliss, William Friend, A.B. 1894,	Gloucester,	S. 29.
Craig, Edward Chilton, L.B. (<i>Univ. of Illinois</i>) 1893,	Mattoon Ill.	22 Mt. Auburn St.
Crosby, John Francis, A.B. 1894,	Newton,	Newton.
Cushing, George Marston, A.B. 1894,	Milton,	8 Holyoke St.
Cutler, William Washburn, A.B. 1894,	St. Paul, Minn.	W. H. 28.
Dallinger, Frederick William, A.B. 1893, A.M. 1894,	Cambridge,	S. 4.
Dickinson, Alexander, A.B. 1894,	Cambridge,	5 Chester St.
Dodge, Nathan Phillips, Jr.	Council Bluffs, Ia.	10 Winthrop.
Dodge, Robert Gray, A.B. 1893,	Newburyport,	W. H. 47.
Donworth, Eugene Clement,	Machias, Me.	12 Kirkland Pl.
Dows, Tracy, A.B. 1894,	New York, N. Y.	60 Brattle St.

Dyer, Henry Chouteau, A.B. 1894,	<i>St. Louis, Mo.</i>	T. 28.
Edes, Archibald Wilkinson,	<i>Whitman,</i>	S. 6.
Fitzgerald, McCoy, A.B. (<i>Univ. of California</i>),	<i>San Francisco, Cal.</i>	40 Irving St.
Flaherty, Michael Thomas, A.B. (<i>Holy Cross Coll.</i>) 1894,	<i>Whitinsville,</i>	14 Mellen St.
Foster, Arthur,	<i>Jacksonville, Fla.</i>	H'ke 48.
Gallert, David Jacque, A.B. 1894,	<i>Waterville, Me.</i>	P. 61.
Gates, Elias, PH.B. (<i>Univ. of Pennsylvania</i>) 1894,	<i>Memphis, Tenn.</i>	94 Prescott St.
Gleason, Charles Bemis, A.B. 1894,	<i>W. Medford,</i>	W. Medford.
Goddard, William Dean, A.B. (<i>Colgate Univ.</i>) 1894,	<i>Cambridge,</i>	40 Mt. Auburn St.
Goldstein, Moses Montefiore,	<i>Titusville, Pa.</i>	1734 Cambridge St.
Goodwin, Clarence Norton, A.B. (<i>Syracuse Univ.</i>) 1894,	<i>Syracuse, N. Y.</i>	381 Harvard St.
Goreth, Frank William, A.B. (<i>Syracuse Univ.</i>) 1891, A.M. 1894,	<i>Baldwinsville, N. Y. C.</i>	60.
Gram, Jesse Peter, PH.B. (<i>Oberlin Coll.</i>) 1892,	<i>Gnadenhuttten, O.</i>	1134 Mass. Ave.
Gray, Andrew Caldwell, A.B. (<i>Princeton Coll.</i>) 1892,	<i>Wilmington, Del.</i>	1697 Cambridge St.
Gray, George Arthur, A.B. 1894,	<i>Fall River,</i>	T. 31.
Greenfield, Arthur Dustan, A.B. 1894,	<i>Clifton, S. I., N. Y.</i>	T. 4.
Haley, Fred,	<i>Somerville,</i>	W. 14.
Hall, James Parker, A.B. (<i>Cornell Univ.</i>) 1894,	<i>Jamestown, N. Y.</i>	10 Mellen St.
Halloran, James Ambrose,	<i>Concord, N. H.</i>	341 Columbia St.
Ham, Livingston, A.B. (<i>Brown Univ.</i>),	<i>Providence, R. I.</i>	13 Trowbridge Pl.
Hanavan, George Bernard,	<i>Buffalo, N. Y.</i>	1734 Cambridge St.
Hathorn, Ralph L., PH.B. (<i>Univ. of California</i>),	<i>San Francisco, Cal.</i>	3 Sumner St.
Hay, Logan, A.B. (<i>Yale Univ.</i>) 1893,	<i>Springfield, Ill.</i>	11 Winthrop.
Herald, Ernest Benard,	<i>Washington, D.C.</i>	26 Garden St.
Hervey, Everett Pray, A.B. 1894,	<i>Boston,</i>	Ware 22.
Holtzclaw, James Thaddens, A.B. (<i>Univ. of Alabama</i>) 1893, A.M. <i>Ibid.</i>) 1894,	<i>Montgomery, Ala.</i>	67 Oxford St.
Homans, Robert, A.B. 1894,	<i>Boston,</i>	30 Holyoke St.

Homer, Solomon Jones, A.B. (<i>Roanoke Coll.</i>) 1893,	<i>Bennington, I. T.</i>	H'ke 20.
Hopkins, William Swinton Bennett, Jr.	<i>Worcester,</i>	12 Kirkland Pl.
Hubbell, John Dana,	<i>Boston,</i>	1208 Mass. Ave.
Hurt, Holden Howard, A.B. (<i>William Jewell Coll.</i>) 1894,	<i>Kansas City, Mo.</i>	P. 83.
Hutchinson, Harold, A.B. 1893,	<i>Newton,</i>	P. 80.
Hyde, Benjamin Dwight, A.B. (<i>Amherst Coll.</i>) 1884,	<i>Boston,</i>	[Ave., Boston. 380 Commonwealth
Ingersoll, Charles Edwin,	<i>Washington, D. C.</i>	7 Bow St.
Ingle, John, Jr., PH.B. (<i>De Pauw Univ.</i>) 1893,	<i>Evansville, Ind.</i>	47 Wallace St.
Jenney, Lester Winfield,	<i>Mattapoissett,</i>	Irving Pl.
Jones, Matt Bushnell, A.B. (<i>Dartmouth Coll.</i>) 1894,	<i>Waitsfield, Vt.</i>	22 Mt. Auburn St.
Joslyn, Marcellus Lindsey, B.S. (<i>Notre Dame Univ.</i>) 1893,	<i>Woodstock, Ill.</i>	H'ke 3.
Kirby, John Patrick,	<i>Chicopee,</i>	67 Oxford St.
Kirkpatrick, John Bayard, A.B. 1894,	<i>Newark, N. J.</i>	96 Prescott St.
Knudsen, Eric Alfred, A.B. 1894,	<i>Kauai, H. I.</i>	H'ke 15.
Kollmyer, William Hector Sanderson, A.B. (<i>McGill Univ.</i>) 1892,	<i>Montreal, Can.</i>	15 Story St.
Lakin, Herbert Conrad, A.B. 1894,	<i>Worcester,</i>	S. 80,
Leighton, Frederick Ernest,	<i>Woodfords, Me.</i>	54 Hammond St.
Leopold, Lawrence Smith, LL.B. (<i>Univ. of Louisville</i>) 1894,	<i>Louisville, Ky.</i>	G. 48.
Macdonald, Albert Edmund, A.B. (<i>Boston Coll.</i>) 1894,	<i>Brighton,</i>	[Brighton. 669 Cambridge St.,
McDonald, James Athanasius, A.B. 1894,	<i>Boston,</i>	[Charlestown. 116 Main St.,
McGrath, Patrick Doherty,	<i>So. Boston,</i>	883 Broadway, So.
McKean, Frederick George, Jr.	<i>Washington, D. C.</i>	P. 86. [Boston.
McKillip, Patrick Emmet, A.B. (<i>Creighton Univ.</i>) 1894,	<i>Omaha, Nel.</i>	H'ke 2.
McKnight, Edwin Toill, A.B. (<i>Univ. of New Brunswick</i>) 1894,	<i>Havelock, N. B.</i>	1184 Mass. Ave.
McKnight, William Gelon, S.B. (<i>Rutger's Coll.</i>) 1893,	<i>Washington, D. C.</i>	49 Oxford St.
Mahorner, Matthias, Jr., A.B. (<i>Spring Hill Coll.</i>) 1894,	<i>Macon, Miss.</i>	[Ave., Boston. 128 Huntingdon
Malone, Llewellyn John,	<i>Cambridge,</i>	C. 63.

- Markle, Minor Millilin, A.B.
 (*Miami Univ.*) 1893, A.M.
 (*Ibid.*) 1894, St. Joseph, Mo. H. 3.
- Marsh, Arthur Merwin, A.B.
 (*Yale Univ.*) 1892, Bridgeport, Conn. 58 Hammond St.
- Morgan, Henry Haven, New London, Conn. Felton Building 83.
- Morley, John Edward, A.B. (*Yale Univ.*) 1894, Saginaw, Mich. 5 Felton St.
- Morrison, Charles John, Calumet, Mich. H'y 5. [Roxbury.
- Moseley, Ovid Clark, Roxbury, 122 Blue Hill Ave.,
- Moss, Edward Arthur David, Worcester, 175 Chandler St.,
- Newell, George Snow Taft, Jr. Pawtucket, R. I. S. 14. [Worcester.
- Niles, George Caspar, A.B. 1894, Boston, 301 Beacon St.,
- Page, Edward Samuel, Melrose, G. 10. [Boston.
- Paine, René Evans, A.B. 1894, Roxbury, H'y 17.
- Parker, Torrance, Randolph, N. Y. H'ke 27.
- Parmelee, Henry Francis, PH.B.
 (*Yale Univ.*) 1894, New Haven, Conn. 18 Mason St.
- Parry, George Gowen, Germantown, Pa. G. 49.
- Perkins, Frederick Curtis, A.B.
 (*Yale Univ.*) 1894, Sharon, Pa. Winthrop 21.
- Perry, William Beard, A.B. (*Amerst Coll.*) 1892, New Bedford, 10 Mellen St.
- Pew, John Aubrey, A.B. 1894, Gloucester, H'ke 8.
- Phelps, Dudley Farley, Jr. New York, N. Y. M. 18.
- Phinixy, Bowdre, A.B. (*Princeton Coll.*) 1893, Augusta, Ga. 1697 Cambridge St.
- Pillsbury, Samuel Hale, Foxcroft, Me. 18 Shepard St.
- Piper, Ernest Kilburn, A.B.
 (*Dartmouth Coll.*) 1894, Belmont, N. H. 51 Ellery St.
- Pirce, James Aldrich, A.B.
 (*Brown Univ.*) 1892, Johnston, R. I. 14 Trowbridge Pl.
- Porter, Frederic Sherman, A.B.
 (*Michigan Univ.*) 1892, A.M.
 (*Western Reserve Univ.*) 1893, Cleveland, O. Winthrop 17.
- Proctor, Charles Anderson, Boston, 369 Marlboro' St.,
 [Boston.
- Reardon, Edward Everett, A.B. 1894, So. Framingham, H. 8.
- Richards, Marshall Prettyman, A.B.
 (*Western Maryland Coll.*) 1891, St. Michaels, Md. 7 Bow St.
- Roché, Everett Clifton, A.B. 1894, Boston, S. 81.
- Ross, Thompson Lamar, A.B. Oxford, Miss. P. 21.
- Saltonstall, Endicott Peabody, A.B. 1894, Chestnut Hill, Manter 8.

Sanborn, Sheffield Shumway, A.B. (<i>Univ. of California</i>) 1894,	Oakland, Cal.	Winthrop 22.
Sandford, Edward, A.B. (<i>Columbia Coll.</i>) 1894,	Yonkers, N. Y.	T. 47.
Savage, Emmett Latty, A.B. (<i>Univ. of Wooster</i>) 1893,	Paulding, O.	1734 Cambridge St.
Schwarz, George Fred,	New York, N. Y.	G. 2.
Seasongood, Clifford, A.B. 1894,	Cincinnati, O.	M. 17.
Sibley, Alexander Hamilton, A.B. (<i>Trinity Coll.</i>) 1892,	Detroit, Mich.	10 Oxford St.
Sims, Harry Upson, A.B. (<i>Univ. of Virginia</i>) 1894,	Columbus, Miss.	10 Oxford St.
Simpson, Burnett Newell, A.B. 1893,	Kansas City, Kan.	55 Trowbridge St.
Skinner, Vernon Villiers,	Boston,	2849 Washington
Sloss, Stanley Edgar, L.B. (<i>Univ. of Virginia</i>) 1894,	Louisville, Ky.	[St., Boston. G. 48.
Smith, Clarence Bishop, A.B. (<i>Columbia Coll.</i>) 1894,	New York, N. Y.	Winthrop 15.
Smith, Jerome Carruth,	Boston;	M. 42.
Smith, Lee Keely,	Reading, Pa.	42 Kirkland St.
Spooner, Herbert Clinton,	Boston,	1 Garden St.
Spring, James Wheelock,	Boston,	23 Batavia St.,
Spring, Samuel Romney, A.B. (<i>Williams Coll.</i>) 1894,	Williamstown,	[Boston. Winthrop 14.
Stein, Leo Dan,		23 Irving Street.
Stern, George, A.B. (<i>Lehigh Coll.</i>) 1893,	Frostburg, Md.	17 Shepard St.
Stevens, Edward James, PH.B. (<i>Beloit Coll.</i>) 1894,	Janesville, Wis.	C't 41.
Stevens, Harry Francis,	Marlboro',	4 Arrow St.
Stothers, Edward Merrell, A.B. (<i>Yale Univ.</i>) 1894,	Staten Island, N. Y.	20 Ware St.
Sullivan, Jeremiah Stephen, A.B. (<i>Holy Cross Coll.</i>) 1894,	Warren, R. I.	14 Mellen St.
Swengle, John Rollin, A.B. (<i>Central Coll.</i>) 1894,	Paxtonville, Pa.	1611 Mass. Ave.
Swezey, Robert Eugene, A.B. (<i>Polytechnic Inst., Brooklyn</i>) 1894,	Brooklyn, N. Y.	69 Oxford St.
Talcott, William Ariel, Jr., A.B. (<i>Amherst Coll.</i>) 1893,	Rockford, Ill.	W. H. 31.
Thayer, Harry Winslow,	New York, N. Y.	3 Sumner St.
Thomas, Frank Williams, A.B. 1894,	New Haven, Ct.	H. 29.

Thompson, Marshall Putnam, A.B. (<i>Dartmouth Coll.</i>) 1892,	<i>Lawrence,</i>	1597 Mass. Ave.
Tiffany, Dexter, Jr.	<i>St. Louis, Mo.</i>	18 Appian Way.
Tinkham, George Holden, A.B. 1894,	<i>Boston,</i>	20 Prescott St.
Todd, Frank Morton, PH.B. (<i>Univ. of California</i>) 1894,	<i>Oakland, Cal.</i>	47 Parker St.
Townsend, Frederick, Jr., A.B. 1893,	<i>Albany, N. Y.</i>	52 Brattle St.
Tuckerman, Eliot, A.B. 1894,	<i>New York, N. Y.</i>	30 Holyoke St.
Walker, Charles Cobb, A.B. 1892,	<i>Chicago, Ill.</i>	W. H. 34.
Waters, Bertram Gordon, A.B. 1894,	<i>Boston,</i>	314 Marlboro St.,
Way, Charles Arthur,	<i>Brookline,</i>	C't 7. [Boston.]
Weber, Harry, LL.B. (<i>Columbian Univ.</i>) 1893, LL.M. (<i>Ibid.</i>) 1894,	<i>Barry, Ill.</i>	43 Irving St.
Weitzel, George Thomas,	<i>Frankfort, Ky.</i>	W. 2.
Welch, Francis Horace, A.B. (<i>Univ. of Texas</i>) 1893,	<i>Taylor, Texas.</i>	29 Sacramento St.
Wetmore, Albert Lansing, A.B. 1894,	<i>Thalia, Va.</i>	Claverly 2.
Whitman, Henry George, A.B. (<i>Cambridge Univ. Eng.</i>) 1894,	<i>Cincinnati, O.</i>	378 Harvard St.
Willis, Edward Gray, LL.B. (<i>Washington Univ.</i>) 1884,	<i>Cambridge,</i>	120 Brattle St.
Wing, Henry Melvin,	<i>Melrose,</i>	158 Foster St., Melrose.
Witte, Martin,	<i>Cambridge,</i>	54 Pleasant St.

SPECIAL STUDENTS.

Berg, Charles Odin, LL.B. (<i>North-western Univ.</i>) 1894,	<i>Chicago, Ill.</i>	1683 Cambridge St.
Blackman, Charles Edward,	<i>Winona, Minn.</i>	14 Howland St.
Clark, Frank Wells, A.B. (<i>W. Va. Univ.</i>) 1890, LL.B. (<i>Ibid.</i>) 1891,	<i>New Martinsville, W. Va.</i>	C. 51.
Hatch, Frank Lockwood,	<i>Springfield, Ill.</i>	Winthrop 30.
Hibbard, Charles Lovejoy, A.B. (<i>Williams Coll.</i>) 1892,	<i>Pittsfield,</i>	14 Greenough Ave.
Kerwin, James Joseph,	<i>Lowell,</i>	P. 51.
Kinoshita, Takehira,	<i>Tokio, Japan,</i>	65 Hammond St.
Morgrage, Wilbert,	<i>Castine, Me.</i>	11 Howland St.
Mulford, Roland Jessup, A.B. 1893,	<i>Friendsville, Pa.</i>	56 Shepard St.

Khetts, Charles Andrew, A.B.

(*Ind. Univ.*) 1889, LL.B. (*Columbian Univ.*),

Salem, Ind.

Royall, Octavius Vincent,

Confidence, Va.

5 Eustis Ct.

Stearns, Arthur Kendall,

Brooklyn, N. Y.

1727 Cambridge St.

Vollmer, Ralston,

Lewiston, Idaho,

26 Garden St.

SUMMARY.

THIRD YEAR STUDENTS	82
SECOND YEAR STUDENTS	136
FIRST YEAR STUDENTS	173
SPECIAL STUDENTS	13

TOTAL 404

GRADUATES OF COLLEGES (see table below)	305
HARVARD COLLEGE SENIORS ON LEAVE OF ABSENCE	11
GRADUATE OF LAW SCHOOLS	7
NON-GRADUATES	81

TOTAL 404

University of Alabama	1	Western Maryland College	1
Amherst College	16	Miami University	1
Bates College	4	University of Michigan	2
Beloit College	2	University of Missouri	1
Boston College	2	Mt. St. Mary's College	2
Bowdoin College	2	University of New Brunswick	1
Brown University	11	University of North Carolina	2
Buchtel College	1	Northern Indiana Normal School	1
University of California	7	Notre Dame University	2
Cambridge University, Eng.	1	Oberlin College	1
Central College	1	Ohio Wesleyan University	1
Centre College	1	University of Oregon	1
Colby University	2	University of Pennsylvania	2
Colgate University	1	Polytechnic Institute, Brooklyn	1
Columbia College	2	Princeton College	5
Cornell University	1	Roanoke College	1
Creighton University	2	Rutger's College	1
Dartmouth College	8	St. Louis University	1
De Pauw University	2	Spring Hill College	1
Georgetown College	1	State University of Iowa	3
Gettysburg College	1	Syracuse University	2
Harvard University	140	University of Texas	1
Hiram College	1	Trinity College	3
Holy Cross College	3	Trinity College, Cambridge, Eng.	1
Illinois College	2	Union College	1
University of Illinois	2	University of Vermont	2
Indiana University	2	University of Virginia	2
Kenyon College	1	Virginia Military Institute	1
Knox College	1	Wesleyan University	2
Laval University	2	West Virginia University	1
Leligh University	1	William Jewell College	1
Leland Stanford Jr. University	3	Williams College	7
Lombard University	1	University of Wooster	1
McGill University	1	Worcester Polytechnic Institute	1
Marietta College	1	Yale University	19

THE LAW SCHOOL.

COURSE OF INSTRUCTION.

The design of this School is to afford such a training in the fundamental principles of English and American Law as will constitute the best preparation for the practice of the profession in any place where that system of law prevails. With this view, the course of study, which is designed to occupy the student three full years, will comprise the following subjects:—

FIRST YEAR.

Contracts. Asst. Professor WILLISTON. *Three hours a week.* Cases on Contracts: Langdell, vol. 1, 2d ed., Williston, vol. 2.
Criminal Law and Procedure. Asst. Professor BEALE. *Two hours a week.* Beale's Cases on Criminal Law.
Property. Professor GRAY. *Two hours a week.* Gray's Cases on Property, vol. 1, 2.
Torts. Professor SMITH. *Two hours a week.* Cases on Torts: Ames, vol. 1, 2d ed., Smith, vol. 2.
Civil Procedure at Common Law. Asst. Professor WILLISTON. *One hour a week.* Ames's Cases on Pleading.

SECOND YEAR.

Agency.* Professor WAMBAUGH. *Two hours a week.*
Bills of Exchange and Promissory Notes. Asst. Professor WILLISTON. *Two hours a week.* Ames's Cases on Bills and Notes.
Carriers. Asst. Professor BEALE. *Two hours a week.* McClain's Cases on Carriers.
Evidence. Professor THAYER. *Two hours a week.* Thayer's Cases on Evidence.
Insurance.* Professor WAMBAUGH. *Two hours a week.*
Jurisdiction and Procedure in Equity. Professor LANGDELL. *Two hours a week.* Langdell's Cases in Equity Pleading.
Law of Persons. Interpretation of Statutes.* Professor SMITH. *Two hours a week.*
Property. Professor GRAY. *Two hours a week.* Gray's Cases on Property, vol. 3, 4.
Quasi-Contracts and Constructive Trusts. Professor AMES. *Two hours a week.* Keener's Cases on Quasi-Contracts.

* No text-book.

Sales of Personal Property. Professor THAYER. *Two hours a week.*
Williston's Cases on Sales.

Trusts. Professor AMES. *Two hours a week.* Ames's Cases on Trusts
(new edition).

Contracts.* Professor WAMBAUGH. *One hour a week.*

Damages.* Asst. Professor BEALE. *One hour a week.*

THIRD YEAR.

Constitutional Law. Professor THAYER. *Two hours a week.* Thayer's
Cases on Constitutional Law.

Corporations. Professor SMITH. *Two hours a week.* Cumming's Cases
on Corporations.

Jurisdiction and Procedure in Equity.* Professor LANGDELL. *Two hours
a week.*

Partnership. Professor AMES. *Two hours a week.* Ames's Cases on
Partnership.

Property. Professor GRAY. *Two hours a week.* Gray's Cases on Prop-
erty, vol. 5, 6.

Suretyship and Mortgage.* Professor LANGDELL. *Two hours a week.*

Conflict of Laws.* Asst. Professor BEALE. *One hour a week.*

Legal History.* Professors AMES and BEALE. *One hour a week.*

EXTRA COURSES.

Patent Law. Mr. FISH. *Ten lectures.*

The Peculiarities of Massachusetts Law and Practice. Mr. BREWSTER.
Two hours a week.

[Pleading and Practice under the New York Code of Civil Procedure.†]

No examinations will be held in the extra courses, and they will not
count for a degree.

In addition to the foregoing third-year subjects, third-year students may
elect any second-year subjects which they have not taken in their second
year.

*Every candidate for the honor degree will be required to take ten hours
a week in each of the last two years.*

*Every candidate for the ordinary degree will be required to take in the
second year ten hours a week in the subjects of that year, and in the third
year eight hours a week.*

MOOT COURTS.

Every student who has been in the School one year or more has an
opportunity each year of arguing in a moot court case before one of the
Professors.

* No text-book.

† Omitted in 1894-95.

INSTRUCTION IN OTHER DEPARTMENTS OF THE UNIVERSITY.

The instruction given in the other departments of the University, with the exception of exercises carried on in the special laboratories, is also open, without additional charge, to students of the Law School. Among the numerous courses of instruction (about two hundred in all) provided by the Faculty of Arts and Sciences, those upon Roman Law, Political Economy, and History, are particularly suitable for Law Students; but many other courses, such as those upon English Literature, Modern Languages, Philosophy, and Physical Science, may be useful to students whose previous opportunities have been limited. Those who wish to avail themselves of these privileges must procure from the Dean a certificate of membership of the School.

The Hemenway Gymnasium is open to members of this School, without extra charge. It is in charge of a physician, Dr. D. A. SARGENT, who is an expert in the department of physical training; and each student is entitled to a thorough personal examination by the Director and to special direction and advice as to the form and amount of physical exercise best suited to his case.

ADMISSION.

[For terms of admission after the academic year 1895-96, see p. 375.]

Bachelors of Arts will be admitted, without examination, upon producing their diplomas; persons who are not Bachelors of Arts will be admitted only (with the exceptions hereinafter stated) upon passing a satisfactory examination in the following subjects:—

1. **LATIN.** Candidates will be required (1) to translate (without the aid of grammar or dictionary) passages selected from the following books: Caesar's Commentaries on the Gallic War, Books I.-IV. (or Books I.-III and Sallust's Catiline), and Cicero's Four Orations against Catiline, and his Oration for Archias;—and (2) to translate at sight average passages from Caesar and Cicero's Orations.

2. **FRENCH.** Candidates will be required to translate (without the aid of grammar or dictionary) passages from standard French prose authors, and also to render passages of easy English prose into French.

The Faculty will, at its discretion, permit some other modern language to be substituted for French.

3. **BLACKSTONE'S COMMENTARIES** (exclusive of editors' notes).

The examinations will be in writing; and, in judging the work of the candidates, attention will be paid to spelling, punctuation, grammar, and expression.

Two examinations for admission will be held each year: one at the beginning of the summer vacation; the other at the beginning of the academic year in the autumn.

In 1895, the first examination will be held on Thursday, June 27, at the following places:—

In *Cambridge*, in Austin Hall; in *Quincy*, in the rooms of the Adams Academy; in *Andover*, in the rooms of the Phillips Academy; in *Groton*, in the rooms of the Groton School; in *Southborough*, in the rooms of St. Mark's School; in *Worcester*, in Curtis Hall, the Young Men's Christian Association building, Elm Street; in *Exeter, N. H.*, in the rooms of Phillips Exeter Academy; in *Concord, N. H.*, in the rooms of St. Paul's School; in *Portland, Me.*, in the rooms of the Portland High School; in *Lakeville, Conn.*, in the rooms of the Hotchkiss School; in *New York, N. Y.*, in the lecture-room of the Young Men's Christian Association, 28d Street, corner of Fourth Avenue; in *Albany, N. Y.*, in the rooms of the Young Men's Christian Association; in *Buffalo, N. Y.*, in the High School building, corner of Court and Franklin Streets; in *Philadelphia, Pa.*, in the rooms of the Young Men's Christian Association building, corner of 15th and Chestnut Streets; in *Washington, D. C.*, in the rooms of the Young Men's Christian Association; in *Cleveland, O.*, in the Central High School building; in *Cincinnati, O.*, in the rooms of the Law School, College building, Walnut Street; in *Chicago, Ill.*, in the rooms of the Chicago Athenaeum, Van Buren Street; in *Minneapolis, Minn.*, in the Lecture-room of the Public Library building; in *St. Louis, Mo.*, in the Board of Education building, corner of Ninth and Locust Streets; in *Omaha, Neb.*; in *Denver, Col.*, in the rooms of the Denver High School (District No. 1), corner of Nineteenth and Stout Streets; in *San Francisco, Cal.*, in the rooms of the Mechanics' Institute, 31 Post Street; in *Belmont, Cal.*, in the rooms of the Belmont School; in *Portland, Oregon*; in *Bonn, Germany*, at the Hotel Kley.

The second examination will be held in *Cambridge only*, on Thursday, Sept. 26.

Candidates who are allowed to substitute some other language for French will be examined in such language at the second examination only. *No person will be examined at any time or place other than as above specified.*

ORDER OF EXAMINATIONS.

Thursday, June 27, and Thursday, September 26, 9 A.M., Latin. 3 P.M., French.

Friday, June 28, and Friday, September 27, 9 A.M., Blackstone.

Applicants will be required, before examination, to produce certificates of good moral character, and to give two references for further information.

The Faculty will accept the degree of Bachelor of Science, or other degree of similar import, instead of the degree of Bachelor of Arts, when satisfied that it represents an amount of linguistic training equal to that required of those who offer themselves for examination.

Until after the academic year 1895-96, graduates of Law Schools, which confer the degree only after an examination upon a two years course of at least seven months each, will be admitted as candidates for a degree.

No student who fails to pass an examination annually in at least three subjects will be allowed, unless by a vote of the Faculty, to continue in the School. Examinations in first-year subjects may be taken at the end of the year, or in the following September. Examinations in all other subjects must be taken at the end of the year.

ADVANCED STANDING.

Any person who has been a member of another law school for at least one academic year of not less than seven months will be admitted to the second-year class upon passing a satisfactory examination in all the studies of the first year. This examination will require a thorough knowledge of the following books: Gray's Cases on Property, vol. 1, 2; Cases on Contracts: Langdell, vol. 1, 2d ed., and Williston, vol. 2; Cases on Torts: Ames, vol. 1, 2d ed., and Smith, vol. 2; Beale's Cases on Criminal Law; Ames's Cases on Pleading. The examination is by printed questions, which the candidates answer in writing in the presence of the examiner.

Candidates for admission to the second-year class will also be required to pass the examination for admission to the first-year class, as above set forth, unless they have received a degree which entitles them to admission without examination.

The examination for admission to advanced standing in the year 1895 will be held in Austin Hall, Cambridge, on Thursday and Friday, Sept. 26 and 27, beginning at 9 A.M. on Thursday. No applicant will be examined at any other time.

DEGREE OF BACHELOR OF LAWS.

The degree of Bachelor of Laws will be conferred upon students who, having been in the School during at least two full years as candidates for a degree, shall have passed satisfactory examinations in the entire course of three years. The degree of Bachelor of Laws *cum laude* will be conferred upon students who, having been in the School during at least two full years as candidates for a degree, shall have passed examinations of distinguished excellence in the entire course of three years. The examinations in the studies of the second and third years must be passed at the end of each year respectively. In the studies of the first year the

examinations must be passed either at the end of that year or at the examination for advanced standing in September following. Neither degree will be conferred until the candidate shall have attained the age of twenty-one years. Candidates for a degree who are admitted to advanced standing must remain in the School during the whole of the second and third years. Those who are in the School during the whole of their first year may be absent during their second or third year; but those who are absent during their second or their third year must return and pass their examinations in the studies of that year with their class at the end of the year.

Every person who, while a member of the School, shall pass a satisfactory examination in one or more subjects, will be entitled to a certificate, stating the length of time he has been a member of the School and specifying the subjects in which he has passed an examination.

DEGREE OF MASTER OF ARTS.

Standing Rules of the Corporation and Board of Overseers.

RULE 1. The degrees of Master of Arts and Doctor of Philosophy are open to Bachelors of Arts of Harvard College and to Bachelors of Arts of other colleges, who shall have satisfied the Faculty of Arts and Sciences, by examination, that the course of study for which they received the Bachelor's degree is equivalent to that for which the Bachelor's degree is given in Harvard College, or shall have passed such additional examinations as that Faculty may prescribe.

RULE 5. The Faculty of Arts and Sciences will recommend for the degree of Master of Arts candidates otherwise properly qualified, who, after taking the Bachelor's degree, shall pursue for at least one year at the University a course of liberal study approved by the Faculty, and shall pass with high credit an examination on that course. The Faculty will designate, from time to time, those courses of instruction in the Professional and Scientific Schools which will be approved by it for the degree of A.M.

Under the above Rule 5, the Faculty of Arts and Sciences will approve studies pursued in the Law School as constituents of the one year's course of liberal study to be pursued by candidates for the degree of Master of Arts; but no study in the Law School will be approved as part of such one year's course unless the Faculty is satisfied that the candidate offering it has no intention or expectation of counting the same study towards the degree of Bachelor of Laws.

PECUNIARY AID.

A limited number of scholarships, of the annual value of one hundred and fifty dollars each, will be hereafter awarded to meritorious students standing in need of such assistance, who have been in the School one full year at least, and who intend to remain in the School another full year at least. The award will be made by the Corporation, on the recommendation of the Faculty, at the beginning of each academic year. One third of the annual value of the scholarships is paid on the 12th of January, one third on the 12th of April, and one third immediately after the issue of the June term-bill. Applications for these scholarships must be made in writing, to the Dean, by the first of June. In making the award a preference will be given to members of the third-year class; and no scholarship will be granted to a member of the second-year class unless he intends to remain in the School until he completes the course.

The income of the John Foster Fund, amounting to about one hundred and fifty dollars, is payable every other year to one or more meritorious students needing assistance.

FEES AND EXPENSES.

The tuition fee is \$150 a year. There are no *extra* charges in the School.

The other expenses of a student for an academic year may be estimated as follows:—

Rent and care of a furnished room . . .	\$22 to \$150
Board for thirty-eight weeks	114 to 266
Fuel and Lights	11 to 25
Text Books (average for 8 years)	30 30
	<hr/>
	\$177 to \$471

Board at cost can be obtained by members of the Law School at Memorial Hall. It is expected that the cost per week will not exceed four dollars and ten cents. Applications for seats should be made at the Hall to the Auditor, from whom full information can be obtained. The Foxcroft Club, a cooperative organization having commodious quarters near the School, is open to Law students. Separate articles of wholesome food are furnished to order at cost, making it possible to board at the Club for from \$2.50 to \$3.00 a week.

The term-bills are issued December 22, March 22, and one week before Commencement, and are to be paid respectively on or before January 12, April 12, and October 10; but the third bill of all candidates for degrees must be paid at least one day before Commencement. Each bill will contain one third of the annual charges. When a student severs his connection with the School, his whole bill becomes payable at once.

A student who joins the Law School after the beginning of the academic year will be charged for instruction from the beginning of the third in which he joins. One who leaves during the year will be charged for instruction only to the end of the third in which he leaves, if, before that time, he gives written notice of his withdrawal to the Dean; otherwise he will be charged for instruction to the end of the third in which such written notice is given. The first third begins at the beginning of the academic year and ends December 31. The second third begins January 1 and ends March 31. The last third begins April 1 and ends at Commencement.

Every student must file a bond with the Bursar in the sum of \$200, signed by two bondsmen, one of whom must be a citizen of the United States, for the payment of dues to the University; or, instead of filing a bond, he may deposit \$50 with the Bursar upon his entrance, as security, and pay his tuition-fees in advance as follows: one third on or before October 1, one third on or before January 1, and one third on or before April 1. No officer or student in the University will be accepted as bondsman. Every student who lives in a College room or boards at Memorial Hall or the Foxcroft Club must file the same bond as undergraduates (\$400), or pay rent for the year in advance, and make a deposit with the Bursar as security for the payment of his board at the rate of \$5 a week. All persons living in College rooms are subject to the regulations of the Parietal Committee, in the same manner as undergraduates.

The School now occupies a new, spacious, and elegant building, Austin Hall. The lecture-rooms, reading-rooms, and other accommodations for students leave nothing to be desired. The Library (34,000 vols.) is liberally administered in the interest of the students. Between September 1, 1870, and September 1, 1890, about \$3000 a year on an average were spent in increasing and improving it. Since September 1, 1890, the amount so spent annually has been nearly doubled.

TERMS OF ADMISSION AFTER THE ACADEMIC YEAR 1895-96.

After the academic year 1895-96 the following persons will be admitted as candidates for a degree without examination :—

I. * Bachelors of Arts of the following Colleges :

Acadia,	Earlham,
University of Alabama,	University of Georgia,
Allegheny,	Georgetown (D. C.),
Amherst,	Griswold,
Antioch,	Hamilton,
Bates,	Hanover,
Beloit,	Harvard,
Boston,	Haverford,
Boston University,	Hobart,
Bowdoin,	Holy Cross,
Brown University,	Illinois,
Buchtel,	University of Illinois,
Bucknell,	University of Indiana,
University of California,	Iowa,
Carleton,	State University of Iowa,
Central,	Johns Hopkins University,
Centre,	University of Kansas,
University of Chicago,	Kenyon,
University of Cincinnati,	Kings,
Clark University,	Knox,
Colby University,	Lafayette,
Colgate University,	Lehigh University,
University of Colorado,	Leland Stanford Jr. University,
Columbia,	Marietta,
Cornell,	McGill University,
Cornell University,	Miami University,
Dalhousie,	University of Michigan,
Dartmouth,	Middlebury,
Delaware,	University of Minnesota,
Denison University,	University of Mississippi,
De Pauw University,	University of Missouri,
Dickinson,	Mt. Union,
Drake University,	University of Nebraska,

* This list has been made chiefly from the Colleges whose graduates have entered the School in recent years. It is accordingly not intended to be exhaustive, and will doubtless be enlarged from time to time. Graduates of Colleges not here mentioned are advised to communicate with the Librarian before making formal application for admission as candidates for a degree.

University of New Brunswick,	University of Texas,
College of the City of New York,	University of Toronto,
University of the City of New York,	Trinity,
University of North Carolina,	Tufts,
Northwestern University,	Tulane University of Louisiana,
University of Notre Dame (Ind.),	Union,
Oberlin,	Vanderbilt University,
Ohio State University,	University of Vermont,
Ohio Wesleyan University,	Victoria University,
Olivet,	University of Virginia,
University of Oregon,	Washington University (Mo.),
University of Pennsylvania,	Washington and Jefferson,
Princeton,	Wesleyan University (Ct.),
Racine,	Western Reserve University,
University of Rochester,	Western University of Pennsylvania,
Rutgers,	Williams,
St. Lawrence University,	University of Wisconsin,
University of the South,	Wittenberg,
University of South Carolina,	University of Wooster,
Swarthmore,	Yale University.
Syracuse University,	

II. * Bachelors of Literature of the following Colleges :

University of California,	University of Michigan,
University of Cincinnati,	University of Minnesota,
Cornell University,	University of Wisconsin.
Dartmouth,	

III. * Bachelors of Philosophy of the following Colleges :

Beloit,	Oberlin,
Brown University,	Sheffield Scientific School,
University of California,	University of Vermont,
Delaware,	Wesleyan University (Ct.),
Drake University,	Wharton School of Finance and
Iowa,	Economy,
State University of Iowa,	University of Wooster.
University of Michigan,	

IV. * Bachelors of Science of the following Colleges :

Amherst,	State University of Iowa,
Bowdoin,	Knox,
Cornell University,	Massachusetts Institute of Tech-
Harvard,	nology.

V. Persons qualified to enter the Senior Class of Harvard College.

* See note on preceding page.

SPECIAL STUDENTS.

The following persons will be admitted as special students :

I. Holders of academic degrees in Arts, Literature, Philosophy or Science who are not admissible as candidates for a degree.

II. Graduates of Law Schools which confer the degree only after an examination upon a two years course of at least seven months each.

III. Persons who pass a satisfactory examination in the following subjects :—

1. **LATIN.** Candidates will be required (1) to translate (without the aid of grammar or dictionary) passages selected from the following books : Caesar's Commentaries on the Gallic War, Books I.—IV. (or Books I.—III. and Sallust's Cataline), and Cicero's Four Orations against Catiline, and his Oration for Archias ; — and (2) to translate at sight average passages from Caesar and Cicero's Orations.

2. **FRENCH.** Candidates will be required to translate (without the aid of grammar or dictionary) passages from standard French prose authors, and also to render passages of easy English prose into French.

The Faculty will, at their discretion, permit some other modern language to be substituted for French.

3. **BLACKSTONE'S COMMENTARIES** (exclusive of editor's notes).

Special students who reside three years at the School and pass in due course the requisite legal examinations, will receive the degree of LL.B. (1) if they at any time during the course entitle themselves to enrolment as regular students, or (2) if they attain a mark within five per cent of that required for the honor degree.

For further information and for examination papers address JOHN H. ARNOLD, *Librarian of the Law School*, Cambridge, Mass.

TABULAR VIEW OF EXERCISES IN THE LAW SCHOOL. 1894-95.

N, E, and W indicate North, East, and West lecture-rooms respectively.

	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.
9-10	Torts. <i>N</i> Sales. <i>W</i>	Torts. <i>N</i> Sales. <i>W</i>	Damages.* <i>W</i> Bills and Notes. <i>E</i>	Trusts. <i>N</i> Corporations. <i>W</i>	Trusts. <i>N</i> Corporations. <i>W</i>
10-11	I. Property. <i>N</i> . Equity Jurisdiction. <i>W</i>	I. Property. <i>N</i> Equity Jurisdiction. <i>W</i>	Suretyship. <i>W</i>	Criminal Law. <i>N</i> Evidence. <i>W</i> Partnership. <i>E</i>	Criminal Law. <i>N</i> Evidence. <i>W</i> Partnership. <i>E</i>
11-12	II. Property. <i>N</i> Conflict of Laws.† <i>E</i>	II. Property. <i>N</i> Constitutional Law. <i>E</i>	Pleading. <i>N</i> II. Contracts.† <i>W</i> Constitutional Law. <i>E</i>	II. Contracts.† <i>W</i> Damages.* <i>W</i> Bills and Notes. <i>E</i>	Carriers. <i>E</i>
12-1	Carriers. <i>E</i>	Equity Procedure. <i>W</i> Conflict of Laws.† <i>E</i>	I. Contracts. <i>N</i> Equity Procedure. <i>W</i>	I. Contracts. <i>N</i> Quasi-Contracts. <i>W</i>	I. Contracts. <i>N</i> Quasi-Contracts. <i>W</i>
2-3	III. Property. <i>E</i>	III. Property. <i>E</i>	Persons. <i>E</i>	Persons. <i>E</i>	Massachusetts Law. <i>E</i>
3-4	Suretyship. <i>W</i>	Agency. <i>W</i>	Agency. <i>W</i>	Insurance. <i>W</i>	Insurance. <i>W</i> . Massachusetts Law. <i>E</i>

* First half-year.

† Second half-year.

THE MEDICAL SCHOOL.

FACULTY.

- CHARLES W. ELIOT, LL.D., *President.*
WILLIAM L. RICHARDSON, M.D., *Dean, and Professor of Obstetrics.*
JAMES C. WHITE, M.D., *Professor of Dermatology.*
OLIVER F. WADSWORTH, M.D., *Professor of Ophthalmology.*
HENRY P. BOWDITCH, M.D., *Professor of Physiology.*
CLARENCE J. BLAKE, M.D., O.M., *Professor of Otology.*
FRANK W. DRAPER, M.D., *Professor of Legal Medicine.*
CHARLES B. PORTER, M.D., *Professor of Clinical Surgery.*
J. ORNE GREEN, M.D., *Clinical Professor of Otology.*
A. LAWRENCE MASON, M.D., *Associate Professor of Clinical Medicine.*
J. COLLINS WARREN, M.D., *Professor of Surgery.*
REGINALD H. FITZ, M.D., *Hersey Professor of the Theory and Practice of Physic.*
THOMAS DWIGHT, M.D., LL.D., *Parkman Professor of Anatomy.*
JAMES J. PUTNAM, M.D., *Professor of Diseases of the Nervous System.*
EDWARD S. WOOD, M.D., *Professor of Chemistry.*
FREDERICK C. SHATTUCK, M.D., *Jackson Professor of Clinical Medicine.*
WILLIAM H. BAKER, M.D., *Professor of Gynaecology.*
EDWARD H. BRADFORD, M.D., *Assistant Professor of Orthopedics.*
T. M. ROTCH, M.D., *Professor of the Diseases of Children.*
WILLIAM B. HILLS, M.D., *Associate Professor of Chemistry.*
WILLIAM F. WHITNEY, M.D., *Curator of the Anatomical Museum.*
WILLIAM T. COUNCILMAN, M.D., *Shattuck Professor of Pathological Anatomy.*
CHARLES S. MINOT, S.D., *Professor of Histology and Human Embryology.*
MAURICE H. RICHARDSON, M.D., *Assistant Professor of Anatomy.*
CHARLES M. GREEN, M.D., *Assistant Professor of Obstetrics.*
HERBERT L. BURRELL, M.D., *Assistant Professor of Clinical Surgery.*
HAROLD C. ERNST, M.D., *Assistant Professor of Bacteriology.*
CHARLES HARRINGTON, M.D., *Instructor in Materia Medica and Hygiene.*
WILLIAM T. PORTER, M.D., *Assistant Professor of Physiology.*
FRANKLIN DEXTER, M.D., *Demonstrator of Anatomy.*

OTHER INSTRUCTORS.

- THEODORE W. FISHER, M.D., *Lecturer on Mental Diseases.*
SAMUEL H. DURGIN, M.D., *Lecturer on Hygiene.*
HENRY P. QUINCY, M.D., *Instructor in Histology.*
JOHN H. MCCOLLOM, M.D., *Assistant in Bacteriology.*
ELBRIDGE G. CUTLER, M.D., *Instructor in the Theory and Practice of Physic.*
FRANCIS H. DAVENPORT, M.D., *Instructor in Gynaecology.*
EDWARD M. BUCKINGHAM, M.D., *Instructor in Diseases of Children.*
ARTHUR T. CABOT, M.D., *Instructor in Genito-Urinary and Clinical Surgery.*
JOHN B. SWIFT, M.D., *Assistant in Gynaecology.*
WILLIAM W. GANNETT, M.D., *Instructor in Clinical Medicine.*
CHARLES F. WITHINGTON, M.D., *Instructor in Clinical Medicine.*
VINCENT Y. BOWDITCH, M.D., *Assistant in Clinical Medicine.*
SAMUEL J. MIXTER, M.D., *Instructor in Surgery.*
GEORGE H. MONKS, M.D., *Assistant in Clinical and Operative Surgery.*
MYLES STANDISH, M.D., *Assistant in Ophthalmology.*
FRANCIS S. WATSON, M.D., *Instructor in Genito-Urinary Surgery.*
HERMAN F. VICKERY, M.D., *Instructor in Clinical Medicine.*
WILLIAM M. CONANT, M.D., *Instructor in Anatomy.*
GEORGE HAVEN, M.D., *Assistant in Obstetrics.*
GEORGE G. SEARS, M.D., *Assistant in Clinical Medicine.*
ROBERT W. LOVETT, M.D., *Assistant in Clinical Surgery.*
JOHN C. MUNRO, M.D., *Assistant Demonstrator of Anatomy.*
FRANZ PFAFF, M.D., *Instructor in Physiology.*
EDWARD REYNOLDS, M.D., *Assistant in Obstetrics.*
CHARLES W. TOWNSEND, M.D., *Assistant in Obstetrics.*
CHARLES L. SCUDDER, M.D., *Assistant in Clinical Surgery, and Demonstrator of Surgical Apparatus.*
ARTHUR K. STONE, M.D., *Assistant in Bacteriology.*
BENJAMIN TENNEY, M.D., *Assistant in Anatomy.*
CHARLES P. WORCESTER, M.D., *Assistant in Chemistry, and Secretary of the Medical Faculty.*
WILLIAM S. BRYANT, M.D., *Assistant in Otology.*
EDWARD M. GREENE, M.D., *Assistant in Histology.*
JAMES O. JORDAN, Ph.G., *Assistant in Materia Medica.*
PAUL THORNDIKE, M.D., *Assistant in Clinical Surgery.*
ARTHUR P. CHADBOURNE, M.D., *Demonstrator of Experimental Therapeutics and Pharmacology.*
GEORGE A. CRAIGIN, M.D., *Assistant in Diseases of Children.*

WILLIAM H. PRESCOTT, M.D., *Assistant in Pathology.*
 FRANK B. MALLORY, M.D., *Instructor in Pathology.*
 JOHN L. AMES, M.D., *Assistant in Histology.*
 WILLIAM A. BROOKS, M.D., *Assistant in Anatomy.*
 AUGUSTUS S. KNIGHT, M.D., *Assistant in Clinical Medicine.*
 ARTHUR H. WENTWORTH, M.D., *Assistant in Diseases of Children.*
 CHARLES A. PORTER, M.D., *Assistant in Anatomy.*
 EDWARD W. TAYLOR, M.D., *Assistant in Pathology.*
 ALEXANDER BURR, M.D.V., *Assistant in Bacteriology.*
 EUGENE A. DARLING, M.D., *Assistant in Bacteriology.*
 JAY B. OGDEN, M.D., *Assistant in Chemistry.*
 JAMES H. WRIGHT, M.D., *Assistant in Pathology.*
 FREDERICK S. DeLUE, M.D., *Assistant in Histology.*

The following gentlemen will give special clinical instruction:—

JOHN HOMANS, M.D., *in the Diagnosis and Treatment of Ovarian Tumors.*
 EDWARD COWLES, M.D., LL.D., *in Mental Diseases.*
 FRANCIS B. GREENOUGH, M.D., and ABNER POST, M.D., *in Syphilis.*
 GEORGE W. GAY, M.D., *in Surgery.*
 GEORGE L. WALTON, M.D., and PHILIP C. KNAPP, M.D., *in Diseases of the Nervous System.*
 FREDERIC E. CHENEY, M.D., *in Ophthalmoscopy.*
 GEORGE WASHBURN, M.D., and WALTER L. BURRAGE, M.D., *in Gynaecology.*
 THOMAS A. DE BLOIS, M.D., JOHN W. FARLOW, M.D., and ALGERNON COOLIDGE, JR., M.D., *in Laryngology.*

STANDING COMMITTEES, 1894-95.

OFFICE HOURS:—Dean, Tu. and Fri. 12.15-1 P.M. Secretary, Mon. and Wed. 2-3 P.M.

Executive Committee.—The Dean (*Chairman*), and Drs. WHITE, BOWDITCH, BRADFORD, and HARRINGTON.

Advertising and Catalogue.—Dr. WOOD (*Chairman*), and Drs. FITZ and WHITNEY.

Admission Examinations.—Dr. BLAKE (*Chairman*), and Drs. ROTCH, HILLS, WHITNEY, ERNST, and HARRINGTON.

Course of Study.—Dr. FITZ (*Chairman*), and Drs. BOWDITCH, DRAFER, MASON, WARREN, W. L. RICHARDSON, and DWIGHT.

Nominations. — Dr. DRAPER (*Chairman*), and Drs. J. O. GREEN, PUTNAM, SHATTUCK, and COUNCILMAN.

Building. — Dr. WOOD (*Chairman*), and Drs. W. L. RICHARDSON and WHITNEY.

Library. — Dr. BOWDITCH (*Chairman*), and Drs. FITZ, DWIGHT, BRADFORD, HILLS, and MINOT.

Graduate Courses. — Dr. WADSWORTH (*Chairman*), and Drs. BRADFORD, ROTCH, BURRELL, and DEXTER.

Summer Courses. — Dr. DRAPER (*Chairman*), and Drs. FITZ and M. H. RICHARDSON.

Bullard Fellowships. — Dr. BOWDITCH (*Chairman*), and Drs. DWIGHT, COUNCILMAN, WOOD, MINOT, and ERNST.

STUDENTS.

IN COURSES FOR GRADUATES.

1893-94.*

Abbott, Clifton Smith, M.D.	<i>Laconia, N. H.</i>
Benjamin, John Franklin, M.D.	<i>Wakefield.</i>
Berton, Jacob Wesley, M.D.	<i>Providence, R. I.</i>
Cheney, Frederick Edward, M.D.	<i>Boston.</i>
Clark, Joseph Edely, M.D.	<i>Medford.</i>
Clarke, Edwin Augustus, M.D.	<i>Worcester.</i>
Garrison, Jefferson Cushing, M.D.	<i>Boston.</i>
Eaton, Lilley, M.D.	<i>Jamaica Plain.</i>
Goss, Ossian Wilbur, M.D.	<i>Lakeport, N. H.</i>
Hall, H. Newbery, M.D.	<i>Chicago, Ill.</i>
Hall, H. Porter, M.D.	<i>Leominster.</i>
Harvey, Norman Darrell, M.D.	<i>Providence, R. I.</i>
Kimball, Irving Ellis, M.D.	<i>Portland, Me.</i>
Kingsbury, Albert Dexter, M.D.	<i>Boston.</i>
Litchfield, William Harvey, M.D.	<i>Roxbury.</i>
Macdonald, William Gregory, M.D.	<i>Boston.</i>
Meagher, Michael John, M.D.	<i>Lowell.</i>
McCormick, Cornelius Joseph, M.D.	<i>Waltham.</i>
Morris, Edward Romeo, M.D.	<i>Fort Warren.</i>
Moulton, Charles Avery, M.D.	<i>St. Albans, Me.</i>
Parker, Charles Frederick, M.D.	<i>Boston.</i>
Perkins, Jay, M.D.	<i>Providence, R. I.</i>
Pigatt, Michael Royston, M.D.	<i>Chelsea.</i>
Thompson, Richard Joseph, M.D.	<i>Fall River.</i>
Trecartin, David Munson, M.D.	<i>Revere.</i>
Wilson, Charles Oscar, M.D.	<i>Lowell.</i>

1894-95.

Bottomley, John Taylor, A.B. (<i>Holy Cross Coll.</i>)	
1889, M.D. 1894,	<i>Boston.</i>
Burnham, Elmond Arthur, A.B. (<i>Tufts Coll.</i>)	
1889, M.D. 1894,	<i>Boston.</i>
DeWolf, Edward Gardner, M.D. (<i>Dartmouth Coll.</i>) 1892,	<i>Charlestown.</i>
Dorman, Albert Barnes, M.D. (<i>Coll. of Phys. and Surg., Boston</i>) 1892,	<i>Winthrop.</i>

* After the issue of the Catalogue.

- Dunbar, Frank Asaph, A.B. 1878, A.M., M.D.
1882, Cambridge.
- Gerry, Edwin Peabody, A.B. (*Dartmouth Coll.*)
1869, A.M. (*Ibid.*) 1872, M.D. 1874, Jamaica Plain.
- †Gallison, Jefferson Cushing, M.D. (*Dartmouth
Coll.*) 1887, Boston.
- †Galloupe, Benjamin Franklin, M.D. (*Coll. of
Phys. and Surg., Boston*) 1889, Hyde Park.
- Hagopian, Sarkis Morkir, M.D. (*Detroit Medical
Coll.*) Boston.
- †Jones, John Clark, M.D. (*Bellevue*) 1882, Brookline.
- †Kennedy, Alexander Edward, M.D. (*Coll. of
Phys. and Surg., Baltimore*), Pictou, N. S.
- Keown, James Archibald, Ph.G. (*Mass. Coll. of
Pharm.*) 1891, M.D. 1894, Lynn.
- Page, Calvin Gates, A.B. 1890, M.D. 1894, Chestnut Hill.
- †Pearce, Richard Mills, M.D. (*Tufts Coll.*) 1894, Boston.
- †Slayton, William Taft, M.D. (*Baltimore Med.
Coll.*) 1894, Brookline.
- Stanton, Thomas Leo, M.D. 1894, Boston.
- †Stuart, George Arthur, M.D. (*Coll. of Phys. and
Surg., Iowa*) 1884, Nanking, China.
- Raymond, Henry Ingle, A.M. (*Wabash Coll.*),
M.D. (*Bellevue*) 1880, Boston.

FOURTH CLASS.

- Abbe, Frederick Randolph, A.B. (*Amherst Coll.*)
1891, Dorchester.
- Barney, Charles Norton, Boston.
- Barney, George Lawrence, A.B. 1890, Boston.
- Boyle, Alfred John, Dorchester.
- Capps, Joseph Almarin, A.B. (*Ill. Coll.*) 1891, Jacksonville, Ill.
- Carter, Theron Harlow, Boston.
- Chadwick, Henry Dexter, Waltham.
- Cushing, Harvey Williams, A.B. (*Yale Univ.*) 1891, Cleveland, O.
- Dudley, Augustus William, A.B. 1891, Boston.
- Edes, Richard Edward, A.B. (*Johns Hopkins
Univ.*) 1889, Jamaica Plain.
- Erb, Theodore Charles, Boston.
- French, Towneley Thorndike, W. Roxbury.

† Graduates taking the full year's course.

Harriman, Frank Whitman,	<i>Framingham.</i>
Hastings, John Mason, A.B. (<i>Bowdoin Coll.</i>)	
1891,	<i>Bangor, Me.</i>
Hibbard, Cleon Melville, A.B., S.B., L.B. (<i>Mo.</i>	
<i>State Univ.</i>) 1890,	<i>Canton, Mo.</i>
Johnson, Grahame Dove,	<i>Andover.</i>
Kennard, Harry Delano,	<i>E. Somerville.</i>
Lake, Charles Norton, PH.G. (<i>Univ. of Mich.</i>)	
1884,	<i>Boston.</i>
Magurn, Francis Thomas Louis,	<i>Charlestown.</i>
Marsh, Arthur White,	<i>Leicester.</i>
Painter, Charles Fairbank, A.B. (<i>Johns Hopkins</i>	
<i>Univ.</i>) 1891,	<i>Great Barrington.</i>
Plummer, Frank Wentworth, A.B. (<i>Dartmouth</i>	
<i>Coll.</i>) 1891,	<i>Somerville.</i>
Putnam, Charles Russell Lowell, A.B. 1891,	<i>Boston.</i>
Quinn, James Ambrose,	<i>So. Boston.</i>
Robey, William Henry, Jr.	<i>Dorchester.</i>
Smith, Frank Simpson,	<i>Boston.</i>
Smith, Fred Stevens,	<i>No. Andover.</i>
Smithwick, Marsena Parker, A.B. (<i>Bowdoin</i>	
<i>Coll.</i>) 1888, A.M. (<i>Ibid.</i>) 1891,	<i>Boston.</i>
Sosnowski, Philip, 2d,	<i>Roxbury.</i>
Stiles, Herbert Kendall, A.B. (<i>Amherst Coll.</i>)	
1891,	<i>Newtonville.</i>
Tenney, William Northend,	<i>Boston.</i>
Thomas, George Henry, A.B. 1892,	<i>E. Boston.</i>
Wright, Charles Sias, A.B. (<i>Bowdoin Coll.</i>)	
1891,	<i>Portland, Me.</i>

THIRD CLASS.

Anderson, Hyrum Andrew,	<i>Somerville.</i>
Andrews, Edward Austin,	<i>Malden.</i>
Andrews, Harold Virgil,	<i>Lawrence.</i>
Barnes, Harry Aldrich,	<i>Somerville.</i>
Barrell, Charles Sewall,	<i>York Corner, Me.</i>
Burke, Michael Francis, A.B. (<i>Boston Coll.</i>)	
1892,	<i>Natick.</i>
Carpenter, Dudley Newcomb,	<i>Portsmouth, N. H.</i>
Chapman, Edwin Morton,	<i>Needham.</i>
Clap, Edmund Wright, A.B. 1892;	<i>Attleboro Falls.</i>
Cooke, Henry Arnold, A.B. (<i>Amherst Coll.</i>) 1889,	<i>No. Brookfield.</i>
Crandell, Arthur Richmond, A.B. 1892,	<i>Taunton.</i>

Cross, William Patrick,	<i>So. Boston.</i>
Cummin, John White, A.B. 1892.	<i>Williamsport, Pa.</i>
Curry, Edmund Farnham,	<i>Winchester.</i>
Curry, Joseph James,	<i>Charlestown.</i>
Cusick, Thomas Francis,	<i>Taunton.</i>
Daniel, Vivian,	<i>E. Boston.</i>
Davis, Arthur Fletcher,	<i>N. Easton, Pa.</i>
Dean, Ralph Deniston,	<i>Taunton.</i>
Donnelly, Harry Albert,	<i>Boston.</i>
Dow, George Farwell, A.B. 1892,	<i>Reading.</i>
Downey, William Henry, A.B. (<i>Amherst Coll.</i>)	
1892,	<i>No. Brookfield.</i>
Drohan, James Henry,	<i>Brockton.</i>
Eaton, Richard Gardner, A.B. (<i>Yale Univ.</i>) 1892,	<i>Wakefield.</i>
Ellsworth, Samuel Walker, A.B. 1893,	<i>Braintree.</i>
Fisher, James Tucker, M.D.V. 1894,	<i>Roxbury.</i>
Flint, Carleton Phillips,	<i>Boston.</i>
Freeman, George Franklin, A.B. (<i>Bowdoin Coll.</i>)	
1890,	<i>Everett.</i>
Frost, Horace Bird, A.B. 1892,	<i>Belmont.</i>
Gallagher, William Howard,	<i>E. Boston.</i>
Gilchrist, Charles Robert,	<i>Boston.</i>
Greenough, Robert Battey, A.B. 1892,	<i>Cambridge.</i>
Gunther, Elsner Christian, A.B. 1889,	<i>New York, N. Y.</i>
Hart, Michael Joseph,	<i>W. Fitchburg.</i>
Hawkins, Joseph Francis,	<i>Providence, R. I.</i>
Hickey, John Aloysius, A.B. (<i>Boston Coll.</i>) 1887,	<i>E. Boston.</i>
Hinckley, Donald Rose, A.B. (<i>Yale Univ.</i>) 1892,	<i>Northampton.</i>
Hitchcock, William Alvan, Jr.	<i>Asylum Station.</i>
Hixon, Edwin Colfax,	<i>Denver, Col.</i>
Holland, Hubert Thomas,	<i>Jamaica Plain.</i>
Howland, Joseph Briggs,	<i>Brockton.</i>
Hubbard, Joshua Clapp, A.B. 1892,	<i>Boston.</i>
Jones, Daniel Fiske, A.B. 1892,	<i>Minneapolis, Minn.</i>
Knight, Charles Storer,	<i>Deering, Me.</i>
Landers, Maurice Joseph,	<i>Lowell.</i>
Langdon, Francis Eustis,	<i>Portsmouth, N. H.</i>
Lavallee, George Omer,	<i>Lowell.</i>
Loring, Robert Gardner, A.B. 1892,	<i>Boston.</i>
Loughran, James Francis,	<i>Lowell.</i>
Lyon, Frederick Dow, A.B. (<i>Tufts Coll.</i>) 1892,	<i>Poland, Me.</i>
Mahon, James Arthur,	<i>Dorchester.</i>
Mains, Charles Frederick,	<i>Framingham.</i>

- Mann, Arthur Teall, s.b. (*Univ. of Minn.*) 1888, *Minneapolis, Minn.*
 McCarthy, Timothy Francis, A.B. (*Holy Cross Coll.*) 1892, *E. Boston.*
 McCauley, Albert Anthony, A.B. (*Holy Cross Coll.*), 1892, *Springfield.*
 McDermott, William Vincent, *Salem.*
 McGillicuddy, Cornelius Joseph, A.B. (*Boston Coll.*) 1892, *Boston.*
 McGourty, James Eugene, *Worcester.*
 McIntyre, George Francis, *Worcester.*
 McIsaac, John Alexander, A.B. (*St. Francis Xavier Coll.*) 1892, *Boston.*
 McKeen, George Wilbert, s.b. (*Dalhousie Coll.*) 1892, *Baddock, N. S.*
 McKeen, Sylvester Forshay, *Cambridge.*
 Mosher, Harris Peyton, A.B. 1892, *Brookline.*
 Newell, Franklin Spilman, A.B. 1892, *Roxbury.*
 Oakes, Fitz Albert, *Gloucester.*
 O'Connor, John Henry, A.B. (*Holy Cross Coll.*) 1892, *No. Chelmsford.*
 O'Neil, Richard Frothingham, *Boston.*
 O'Sullivan, John Joseph, *Lawrence.*
 Page, George Thornton, A.B. 1892, *Cambridge.*
 Parker, Arthur Holmes, *Waltham.*
 Pegram, John Combe, Jr., A.B. (*Brown Univ.*) 1892, *Providence, R. I.*
 Perry, Arthur Reed, A.B. 1892, *Attleboro.*
 Perry, Henry Joseph, A.B. (*Tufts Coll.*) 1892, *Fort Plain, N. Y.*
 Pickard, Isaiah Lovell, A.B. (*Amherst Coll.*) 1891, *Littleton Common.*
 Pleadwell, Frank Lester, *Taunton.*
 Price, Walter Herbert, *Boston.*
 Rothfuchs, Charles Christian, *Boston.*
 Sanborn, John Wesley, *Boston.*
 Schwab, Sidney Isaac, *St. Louis, Mo.*
 Scudder, Gardiner Hubbard, A.B. 1892, *Cambridge.*
 Sears, Harry Edward, A.B. 1893, *Boston.*
 Shanahan, Thomas Joseph, *Lawrence.*
 Smith, William Henry, A.B. (*Brown Univ.*) 1892, *Fall River.*
 Spear, Walter May, *Rockland, Me.*
 Strong, Lawrence Watson, A.B. 1892, *Waban.*
 Thorndike, William, A.B. 1892, *Boston.*
 Torrey, John Paine, *Harvard.*

Vose, Robert Henry, A.B. (<i>Amherst Coll.</i>) 1892,	<i>Providence, R. I.</i>
Washburn, Frederic Augustus, Jr., A.B. (<i>Amherst Coll.</i>) 1892,	<i>New Bedford.</i>
Watkeys, Frederick William,	<i>E. Somerville.</i>
Webber, Henry Allen,	<i>Beverly.</i>
Willard, Henry Francis, A.B. 1892,	<i>Dorchester.</i>
Williams, David Gardner, Jr.	<i>Boston.</i>
Willis, Charles Austin, PH.B. (<i>Tufts Coll.</i>) 1892,	<i>Waltham.</i>
Woodbury, Frank Taylor,	<i>No. Weare, N. H.</i>
Worthington, Arthur Morton, S.B. (<i>Mass. Inst. of Tech.</i>) 1892,	<i>Dedham.</i>
Young, Ernest Boyen, A.B. (<i>Bowdoin Coll.</i>) 1892,	<i>Brunswick, Me.</i>
Young, Jonathan Frank, Jr.	<i>Boston.</i>

SECOND CLASS.

Adams, William Gray,	<i>Hyde Park.</i>
Allen, Seabury Wells, A.B. 1891,	<i>Boston.</i>
Amerman, George L., A.B. (<i>Yale Univ.</i>) 1890,	<i>Boston.</i>
Badger, George Sherwin Clark, A.B. (<i>Yale Univ.</i>) 1892,	<i>Boston.</i>
Barrett, Joel Lewis,	<i>Woburn.</i>
Barton, John Alfred,	<i>Waltham.</i>
Barton, William Henry,	<i>Waltham.</i>
Beal, Howard Walter,	<i>Lewiston, Me.</i>
Blodgett, John Hammond,	<i>Boston.</i>
Briggs, Charles Edwin, A.B. (<i>Oberlin Coll.</i>) 1893,	<i>Calumet, Mich.</i>
Broughton, Arthur Nicholson, A.B. 1893,	<i>Jamaica Plain.</i>
Buffum, Herbert Edwin,	<i>Somerville.</i>
Burden, Ernest Drucella,	<i>Malden.</i>
Burke, Ernest Gisborne, A.B. 1893,	<i>Quincy.</i>
Burrows, Fred Grant, A.B. (<i>Leland Stanford Jr. Univ.</i>) 1892, A.M. (<i>Ibid.</i>) 1893,	<i>Chualar, Cal.</i>
Butler, Charles Shorey, A.B. 1893,	<i>Boston.</i>
Calder, Augustus Woodbury A.B. (<i>Brown Univ.</i>) 1891,	<i>Providence, R. I.</i>
Carden, Charles James,	<i>Lawrence.</i>
Catlin, Sanford Robinson, PH.B. (<i>Beloit Coll.</i>) 1893,	<i>Rockford, Ill.</i>
Chamberlain, Weston Percival, A.B. (<i>Bowdoin Coll.</i>) 1893,	<i>Bristol, Me.</i>
Clough, Frank Herbert,	<i>Allston.</i>
Goburn, Horace Fordyce,	<i>Lowell.</i>
Coon, William Hall,	<i>Wakefield.</i>

Costello, John Henry, Jr.
 Cushing, Charles Baldwin,
 Cutler, Charles Newton,
 Daly, Timothy Joseph,
 Daniels, Roy Adelbert,
 Davis, William Horace, A.B. 1898,
 Decker, William Nelson,
 Desmond, Clarence Francis,
 Donlan, John Malachi,
 Donoghue, James Crowley,
 Dudley, Charles,
 Elliott, James William, Jr.,
 Emery, George Edwin,
 Fitzgerald, Thomas Patrick, A.B. (*Boston Coll.*)

1898,

Forbes, Edwin Bannister,
 Galloupe, Joseph Abbott,
 Gilbert, Louis Whitmore, A.B. 1898,
 Goulding, Timothy Francis,
 Grant, William Herbert,
 Guiler, Robert Workman,
 Haines, Ignatius,
 Handy, Harry Tucker,
 Harris, Samuel Jacob, Jr.
 Hogan, Joseph Ambrose,
 Homan, John Milton,
 Hurd, Randolph Campbell,
 Ingoldsby, Joseph Emmanuel,
 Johnson, David Joseph,
 Jones, Frederick Ellis,
 Kendall, Watson Hatch,
 Kernan, William Everett,
 Kirgis, Adrien,
 Larrabee, Ralph Clinton, A.B. 1898,
 Lecompte, Walter Augustus, A.B. 1898,
 Lennon, Joseph Malachi, A.B. (*Boston Coll.*) 1898,
 Leonard, Edwin, Jr.
 Logan, Francis Parker Tays,
 Low, Harry Chamberlain, A.B. 1898,
 Madden, John Joseph, A.B. (*Mt. St. Mary's Coll.*)

1892,

Maguire, Charles Francis, A.B. (*Boston Coll.*)
 1898.

Boston.
Cohasset.
Chelsea.
Lawrence.
Malden.
Holyoke.
Concord.
Worcester.
Fitchburg.
Georgetown.
Abington.
Boston.
Leominster.

Cambridge.
Lawrence.
Beverly.
Cambridge.
Somerville.
Boston.
Boston.
Cambridge.
Marion.
Williamsburg, Va.
Lawrence.
Roslindale.
Newburyport.
Boston.
Boston.
Quincy.
Providence, R. I.
Wakefield.
So. Manchester, Conn.
Boston.
Newton Centre.
Dorchester.
Dover.
Boston.
Salem.
Boston.
Somerville.

Marcy, Henry Orlando, Jr., A.B. 1893,	<i>Boston.</i>
Maskell, Leonard Joseph, A.B. (<i>Holy Cross Coll.</i>)	
1891,	<i>Newton.</i>
Maulhardt, Adolph Antone,	<i>Ventura, Cal.</i>
McCormick, Thomas Henry,	<i>Taunton.</i>
McMurtry, Charles Wood,	<i>Allegheny, Pa.</i>
Means, Philip Corydon,	<i>Merrimac.</i>
Metzger, Butler,	<i>Lynn,</i>
Montoya, José Maria.	<i>Bogota, Columbia, S. A.</i>
Moore, Francis, Jr.	<i>Charlestown.</i>
Moore, John Henry,	<i>Pittsfield, Ill.</i>
Moorehouse, George Wilton, L.B. (<i>Univ. of Wis.</i>)	
1891, L.M. (<i>Ibid.</i>) 1893,	<i>Wauwatosa, Wis.</i>
Morgan, William Edward,	<i>Dorchester.</i>
Morrill, Sibley Gage,	<i>Concord, N. H.</i>
Newsome, Edgar Thomas,	<i>Roslindale.</i>
O'Donnell, George Thomas,	<i>So. Tewksbury.</i>
Orr, Samuel Sanford,	<i>Port Morien, C. B.</i>
Paine, Sumner,	<i>Newtonville.</i>
Patten, Stephen Kerr,	<i>Boston.</i>
Peirce, Frederic Joseph,	<i>Atlantic.</i>
Perley, Roscoe Damon,	<i>Ipswich.</i>
Pillsbury, Frederick Ainsworth,	<i>Boston.</i>
Pinkham, Edward Warwick, A.B. 1892,	<i>Lynn.</i>
Proctor, Joseph Whipple,	<i>Malden.</i>
Reed, Victor Augustus,	<i>Danvers.</i>
Richmond, Simon,	<i>Chelsea.</i>
Rust, Frank Lee Drummond,	<i>Cambridge.</i>
Ryder, Charles Edward,	<i>So. Boston.</i>
Ryerson, Edwin Warner.	<i>Chicago, Ill.</i>
Sands, Edward Parker,	<i>Boston.</i>
Savage, John James,	<i>Lowell.</i>
Shea, John Joseph,	<i>Salem.</i>
Sheehan, Martin David,	<i>Brookline.</i>
Smart, Frank Everard,	<i>Lawrence.</i>
Smyser, Charles James,	<i>Brookline.</i>
Spalding, Fred Maurice, A.B. 1893,	<i>Cambridge.</i>
Spooner, Henry Garrettson, A.B. 1894,	<i>Boston.</i>
Stack, Charles Francis, A.B. (<i>Boston Coll.</i>) 1898,	<i>Hyde Park.</i>
Stepp, Jacob, Jr.	<i>Boston.</i>
Stetson, Frank Eliot, A.B. 1893,	<i>New Bedford.</i>
Stetson, Frederick Winslow, A.B. 1894,	<i>Duxbury.</i>
Stevens, Ralph Emerson,	<i>Mariboro'.</i>

Stubbs, Frank Raymond, A.B. 1893,	<i>Cambridgeport.</i>
Sturdivant, Guy Waldron,	<i>Roxbury.</i>
Sullivan, David Augustine,	<i>So. Boston.</i>
Sullivan, John Thomas, Jr.	<i>Boston.</i>
Sullivan, Walter Greene,	<i>Providence, R. I.</i>
Swain, Howard Townsend,	<i>Copake, N. Y.</i>
Sweet, John Henry, Jr.	<i>Newport, R. I.</i>
Talbott, Bertell Laroy,	<i>Milford, N. H.</i>
Van Magness, Benjamin, Jr.	<i>Chelsea.</i>
Vinal, Harry Gardner,	<i>Wellesley.</i>
Walton, William Joseph, D.M.D. 1894,	<i>Dorchester.</i>
Washburn, Mortimer Cummings,	<i>Tyngsboro.</i>
Weeks, William Joshua,	<i>New Bedford.</i>
Wentworth, Harry Wilder,	<i>Chelsea.</i>
Whiteside, George Shattuck,	<i>Boston.</i>
Williams, Allen Hamilton, A.B. 1891,	<i>Fort Wayne, Ind.</i>
Williams, Harry Edwin,	<i>Newtonville.</i>
Willis, Dwight Fletcher, PH.B. (<i>Tufts Coll.</i>) 1892,	<i>Waltham.</i>
Yost, John Dickson,	<i>San Francisco, Cal.</i>

FIRST CLASS.

Atkinson, Roger Trowbridge, A.B. 1894,	<i>Wakefield.</i>
Bacon, Joseph Charles,	<i>Boston.</i>
Bacon, Theodore Spaulding, B.S. (<i>Boston Univ.</i>)	
1894,	<i>Natick.</i>
Bailey, Walter Channing, A.B. 1894,	<i>E. Somerville.</i>
Balch, Alfred William, PH.G. (<i>Coll. of Pharm.</i>)	
1894,	<i>Boston.</i>
Bartlett, Samuel Danforth,	<i>Woburn.</i>
Beebe, Arthur Appleton, A.B. 1894,	<i>Boston.</i>
Binford, Ferdinand Augustus,	<i>Pawtucket, R. I.</i>
Birge, Russell Hall, A.B. (<i>Brown Univ.</i>) 1894,	<i>Providence, R. I.</i>
Blodgett, Charles Martin,	<i>Boston.</i>
Bonney, Robert,	<i>Chelsea.</i>
Boodro, William Henry,	<i>So. Boston.</i>
Bradley, James Joseph,	<i>Nashua, N. H.</i>
Breneman, Henry Kendig,	<i>San Antonio, Texas.</i>
Brown, Alphonso Bickford, A.B. (<i>Yale Univ.</i>)	
1894,	<i>Dover, N. H.</i>
Buck, Maurice Allan,	<i>No. Wilmington.</i>
Burns, Frederick Stanford,	<i>Boston.</i>
Cabot, Hugh, A.B. 1894,	<i>Brookline.</i>
Cary, Foster Harrington,	<i>Millbury.</i>

Carter, Curtis Sumner,	<i>Lynn.</i>
Cassidy, James Joseph,	<i>Lowell.</i>
Colligan, Charles Edward,	<i>Watertown.</i>
Collins, William James,	<i>Ware.</i>
Corcoran, George Bernard,	<i>Charlestown.</i>
Cottrell, Henry Joseph, A.B. (<i>Holy Cross Coll.</i>)	
1894,	<i>Newport, R. I.</i>
Crandon, Le Roi Goddard, A.B. 1894,	<i>Malden.</i>
Crawford, Francis Xavier, A.B. (<i>Boston Coll.</i>) 1894,	<i>Boston.</i>
Cronin, Michael John,	<i>Haverhill.</i>
Cummings, Frederic Russell,	<i>Concord, N. H.</i>
Currier, William Eugene, A.B. (<i>Bowdoin Coll.</i>)	
1894,	<i>Leicester.</i>
Davis, Lincoln, A.B. 1894,	<i>Boston.</i>
Dearborn, Sam Starrett, A.B. 1894,	<i>Nashua, N. H.</i>
Dodge, George Byron, A.B. (<i>Dartmouth Coll.</i>)	
1893,	<i>Manchester, N. H.</i>
Donlan, Charles Edwin,	<i>Lowell.</i>
Donohoe, George,	<i>Dorchester.</i>
Dorgan, Joseph Aloysius,	<i>Lawrence.</i>
Dowd, Frank Christopher,	<i>Somerville.</i>
Dowd, Edward Francis, A.B. (<i>Georgetown Univ.</i>)	
1894,	<i>Natick.</i>
Drake, Arthur Knowlton,	<i>Bristol, N. H.</i>
Drummond, Edward Augustus,	<i>Brookline.</i>
Ellis, William Raymond,	<i>Somerville.</i>
Emerson, Ernest Benjamin,	<i>Everett.</i>
Everett, Eugene Ellsworth, A.B. (<i>Brown Univ.</i>)	
1894,	<i>Providence, R. I.</i>
Fair, John Francis,	<i>Natick.</i>
Ferguson, Edward Hugh,	<i>Boston.</i>
Field, Harvey Adams,	<i>Quincy.</i>
Fischer, Oscar Edward,	<i>Salem, Mo.</i>
Fitzgerald, Maurice Edward, Jr.	<i>Boston.</i>
Forrest, Robert Francis,	<i>Watertown.</i>
Fulton, Dugald MacEachrn,	<i>Cambridge.</i>
Gallagher, Thomas Morton,	<i>Wellesley.</i>
Gaylord, William Avery,	<i>Pawtucket, R. I.</i>
Gavin, Joseph Leo,	<i>Boston.</i>
Germain, Harry Homer,	<i>Los Angeles, Cal.</i>
Gibbons, Sherwin, A.B. 1894,	<i>Boston.</i>
Gleason, Benjamin Whitney, B.L. (<i>Norwich Univ.</i>) 1892,	<i>Brookline.</i>

- Griffin, Clifford Henry, A.B. (*Brown Univ.*) 1894, *Providence, R. I.*
 Grimes, James Henry, *Boston.*
 Halloran, Timothy Joseph, A.B. (*Holy Cross Coll.*) 1894, *Lowell.*
 Hamilton, Walter, *Holyoke.*
 Hancock, John Clifford, *Dubuque, Ia.*
 Hardy, Theodore Everett, *Farmington, Me.*
 Hart, Joseph Storer, *Lincoln.*
 Hartnett, Edward Daniel, *E. Boston.*
 Hartwell, Harry Fairbanks, *Boston.*
 Harvey, William Wirt, *Dorchester.*
 Hatfield, Hugh Kerr, *Boston.*
 Hayes, Albert Edwin, *Boston.*
 Healy, Daniel Lawrence, A.B. (*Boston Coll.*) 1894, *W. Newton.*
 Hinchey, Richard, *Lexington.*
 Holt, Frank Hammett, *Newport, R. I.*
 Horner, Thompson Mitchell, *Baltimore, Md.*
 Houghton, Fred Russell, *Fitchburg.*
 Howard, Eugene Henry, A.B. (*Holy Cross Coll.*) 1894, *No. Brookfield.*
 Howe, Walter Clarke, A.B. (*Amherst Coll.*) 1894, *Dedham.*
 Howes, Edson Parker, *Springfield.*
 Hudnut, Paul Albert, *Needham.*
 Hudson, Arthur Stanton, *Newton.*
 Huntington, Alfred Thomas, *Chelsea.*
 Hyde, Frederick Tanquary, *Winchester, Va.*
 Johnson, Walter Sydney, A.B. 1894, *Minneapolis, Minn.*
 Kahn, Maurice, *Leadville, Col.*
 Keate, Walter, *St. George, Utah.*
 Keeley, William Nicholas, A.B. (*Holy Cross Coll.*) 1891, *Spencer.*
 Kennedy, Harris, A.B. 1894, *Roxbury.*
 Kepler, Charles Ober, A.B. (*Baldwin Univ.*) 1887, A.M. (*Ibid.*) 1890, S.T.B. (*Boston Univ.*) 1892, *Boston.*
 King, Myron Louis, *Cambridge.*
 Ladd, Maynard, A.B. 1894, *Fishkill, N. Y.*
 Lane, George Andrew, *Haverhill.*
 Ledwell, Richard John, *Charlottetown, P. E. I.*
 Lees, Rush Oliver, *Plymouth, Pa.*
 Lippincott, Walter Maynard, *Newport, R. I.*
 Looney, William Dee, *Salem.*

Macdonald, Harry Mortimer,	<i>Boston.</i>
Mackay, Edward Hart,	<i>Clinton.</i>
Mackie, William Charles,	<i>Boston.</i>
Magrath, George Burgess, A.B. 1894,	<i>Milton.</i>
Maguire, John Francis, A.B. (<i>Boston Coll.</i>) 1894,	<i>Jamaica Plain.</i>
Mahoney, Cornelius James,	<i>E. Providence, R. I.</i>
Maloney, William Valentine,	<i>Boston.</i>
Manix, Edward Tuck,	<i>Exeter, N. H.</i>
Mansur, Leon Wallace,	<i>Boston.</i>
Marston, Joseph Norris,	<i>Lowell.</i>
May, William Ropes, A.B. 1894,	<i>Philadelphia, Pa.</i>
McAllister, Fred Danforth, A.B. (<i>Amherst Coll.</i>)	
1894,	<i>Lawrence.</i>
McAuslan, James Lewis,	<i>Marlboro'.</i>
McDonald, Louis Francis,	<i>Halifax, N. S.</i>
McEvoy, George Albert,	<i>Lawrence.</i>
McKenna, James Charles,	<i>Charlestown.</i>
McKenna, William James, A.B. (<i>Yale Univ.</i>)	
1893,	<i>Westboro'.</i>
Medina, Fred Emanuel,	<i>Lowell.</i>
Mellus, Edward,	<i>Worcester.</i>
Merriam, Franklin Henry,	<i>Greenville, N. H.</i>
Miller, James,	<i>Boston.</i>
Moore, James Spencer, A.B. (<i>Brown Univ.</i>)	
1894,	<i>E. Providence, R. I.</i>
Moriarty, James Liguori,	<i>Norwich, Conn.</i>
Murphy, Stephen Nicholas,	<i>Danversport.</i>
Murray, Francis Aloysius, A.B. (<i>Boston Coll.</i>)	
1894,	<i>Boston.</i>
Musgrave, Percy, A.B. 1894,	<i>New York, N. Y.</i>
Newton, Frank Brownlie,	<i>Stafford Springs, Conn.</i>
Nolan, William Francis,	<i>Jamaica Plain.</i>
Nye, Edward Lucius,	<i>E. Coventry, Vt.</i>
O'Brien, Walter John Leo,	<i>So. Boston.</i>
Page, Parkhurst,	<i>Asylum Station.</i>
Parker, Edward Grahame,	<i>Auburndale.</i>
Parker, Maurice Wesley,	<i>Chicago, Ill.</i>
Paul, Luther Gordon,	<i>Newton Centre.</i>
Pearson, George Burton,	<i>Lynn.</i>
Peavey, Ralph Albert,	<i>Bangor, Me.</i>
Peirce, George Alphonso,	<i>Roxbury.</i>
Perry, Edgar, A.B., A.M. (<i>Brown Univ.</i>) 1880,	<i>Boston.</i>
Phillips, Walter Lewis,	<i>Johnstown, R. I.</i>

- Pierce, George Burgess, A.B. 1898,
 Pike, Forest Fay,
 Pote, Leonard Holden,
 Pratt, Joseph Hersey, PH.B. (*Yale Univ.*) 1894,
 Prévauz, John Jacob,
 Provandie, Paul Hector,
 Ransom, Frank Howard, Jr.
 Reagh, Arthur Lincoln, S.B. 1894,
 Rice, Henry Augustus,
 Richardson, Oscar,
 Richmond, Fred Marcy,
 Rideout, Herman Leslie,
 Rood, Luther Colby,
 Rose, William Henry,
 Rose, Alwyn, PH.G. (*Mass. Coll. Pharm.*) 1890,
 Ross, Lucretius Henry, A.B. (*Middlebury Coll.*)
 1890,
 Rounds, Albert Waterman,
 Ryan, George Whitehouse,
 Sanborn, Charles Francis,
 Sawyer, Edward Keyes,
 Sayward, William Henry, Jr., S.B. (*Mass. Inst.*
Tech.) 1894,
 Slate, Ames Wilsworth,
 Small, Richard Dresser, A.B. 1894,
 Soutter, Robert, A.B. 1894,
 Starkweather, Robert Parsons,
 Sughrue, Dennis Francis,
 Teague, Edward,
 Thompson, Richard Henry, B.S. (*Worcester Poly-*
tech. Inst.) 1892,
 Tilden, Irving Niles, S.B. 1894,
 Tobin, John Henry,
 Truesdale, Philemon Edwards,
 Turner, Charles Humphrey, A.B. (*Williams*
Coll.) 1881,
 Twombly, Walter Mahan,
 Vogel, James Oswald,
 Vogel, George Lewis,
 Walker, David Harold,
 Ward, Parker Myles,
 Warden, Ralph Alexander,
 Watson, Frank Gilman,
 Milton.
 Boston.
 Somerville.
 No. Middleboro'.
 Amesbury.
 Melrose Highlands.
 Buffalo, N. Y.
 W. Roxbury.
 Boston.
 Boston.
 Everett.
 Highlands, N. O.
 E. Boston.
 Worcester.
 Roxbury.
 Poultney, Vt.
 Providence, R. I.
 Dorchester.
 Cambridge.
 Somerville.
 Dorchester.
 Springfield.
 Portland, Me.
 New York, N. Y.
 Milwaukee, Wis.
 Dorchester.
 Lowell.
 Brockton.
 New Bedford.
 Lawrence.
 Fall River.
 Blackinton.
 Roxbury.
 W. Quincy.
 Boston.
 Pittsburg, Pa.
 Boston.
 Boston.
 Roxbury.

Weil, Arthur Irving,	<i>Huntsville, Ala.</i>
Weis, Joseph Deutsch,	<i>New Orleans, La.</i>
Wennerberg, Francis Joseph,	<i>Boston.</i>
White, Michael William, A.B. (<i>Boston Coll.</i>)	
1894,	<i>E. Weymouth.</i>
White, William Horace,	<i>Somerville.</i>
Williams, Hugh, A.B. 1894,	<i>Brookline.</i>
Woodbury, Herbert Elwell, M.S. (<i>Boston Univ.</i>)	
1889,	<i>Gloucester.</i>
Woods, Frederick Adams,	<i>Brookline.</i>
Wormelle, Charles Burton,	<i>Brighton.</i>
York, Herbert Leroy,	<i>Dorchester.</i>
Zavala, Joaquin, Jr.	<i>Granada, Nicaragua, C.A.</i>

SUMMARY.

IN COURSES FOR GRADUATES, 1894-95 (to Dec. 1) . .	18
FOURTH CLASS	83
THIRD CLASS	98
SECOND CLASS	123
FIRST CLASS	182
TOTAL	<u>454</u>

THE MEDICAL SCHOOL.

REQUIREMENTS FOR ADMISSION.

All candidates for admission must (with the exceptions hereinafter stated) pass examinations until June, 1896, in the following subjects:—

1. **ENGLISH.** Every candidate will be required to write, legibly and correctly, an original English composition of not less than two hundred words, and also to write English prose from dictation.

2. **LATIN.** The translation at sight of simple Latin prose.

3. **PHYSICS.** A competent knowledge of Physics (such as may be obtained from Gage's Elements of Physics).

4. **CHEMISTRY.** Theoretical and descriptive (inorganic) Chemistry (a course based on Remsen's Introduction to the Study of Chemistry, or any similar manual), and qualitative analysis..

5. **ELECTIVE SUBJECT.** Each candidate must pass an examination in any one of the following subjects: French, German, Algebra (through quadratic equations), Plane Geometry, Botany.

Each candidate will be required to hand in, at the hour of the written examination in Chemistry, the original note-book in which he recorded the work performed by him at school in qualitative analysis. This note-book must bear the endorsement of his teacher, certifying that the notes are a true record of the pupil's laboratory work.

When a candidate shall give evidence of having passed a satisfactory examination in any of the above requirements either at Harvard College or at the Lawrence Scientific School, a subsequent examination in such subject or subjects will not be demanded for his admission to the Medical School.

Candidates who present a degree in Letters, Science, or Medicine, from a recognized college or scientific school are exempt from all the above examinations, with the exception of Chemistry.*

Candidates, may be admitted conditionally in spite of deficiencies in some of these studies; *but, until these conditions are made up, no student will be permitted to take part in any exercises of the third class, or to present himself for examination in the subjects of that class.*

Students conditioned in Chemistry at the examination for admission will be furnished in the School, during the first year, with opportunities for making up this condition.

* The Summer Courses of Instruction in the fundamental principles of Chemistry and in Qualitative Analysis, given at Harvard College, and the Summer Course in General Chemistry and Qualitative Analysis given at the Medical School are adapted to students about to enter the Medical School.

After the year 1895 a special fee of \$20 will be charged for this course.

The examinations will be held at the Medical School (688 Boylston St., Boston), and will be conducted in writing; specimens of the papers used will be found in the Catalogue to be obtained of the Dean. In judging the work of the candidate, the spelling, grammar, and construction will be considered.

The examinations for admission are held on the Thursday following the last Wednesday in June, and on the Monday preceding the last Wednesday in September, beginning at 10 A.M.

In 1895 the *examinations for admission* will also be held at the following places, beginning at 8 A.M. on Thursday, June 27:—

In *Quincy*, in the rooms of the Adams Academy; in *Andover*, in the rooms of the Phillips Academy; in *Groton*, in the rooms of the Groton School; in *Southborough*, in the rooms of St. Mark's School; in *Worcester*, in Curtis Hall, the Young Men's Christian Association building, Elm Street; in *Exeter, N. H.*, in the rooms of Phillips Exeter Academy; in *Concord, N. H.*, in the rooms of St. Paul's School; in *Portland, Me.*, in the rooms of the Portland High School; in *Lakeville, Conn.*, in the rooms of the Hotchkiss School; in *New York, N. Y.*, in the lecture-room of the Young Men's Christian Association, 23d Street, corner of Fourth Avenue; in *Albany, N. Y.*, in the rooms of the Young Men's Christian Association; in *Buffalo, N. Y.*, in the High School building, corner of Court and Franklin Streets; in *Philadelphia, Pa.*, in the rooms of the Young Men's Christian Association building, corner of 15th and Chestnut Streets; in *Washington, D. C.*, in the rooms of the Young Men's Christian Association; in *Cleveland, O.*, in the Central High School building; in *Cincinnati, O.*, in the rooms of the Law School, College Building, Walnut Street; in *Chicago, Ill.*, in the rooms of the Chicago Athenaeum, VanBuren Street; in *Minneapolis, Minn.*, in the lecture-room of the Public Library building; in *St. Louis, Mo.*, in the Board of Education building, corner of Ninth and Locust Streets; in *Omaha, Neb.*; in *Denver, Col.*, in the rooms of the Denver High School (District No. 1), corner of Nineteenth and Stout Streets; in *San Francisco, Cal.*, in the rooms of the Mechanics' Institute, 81 Post Street; in *Belmont, Cal.*, in the rooms of the Belmont School; in *Portland, Oregon*; in *Bonn, Germany*, at the Hotel Kley.

In and after June, 1896, all candidates for admission must (with the exceptions above stated) pass an examination in the following subjects:—

- | | |
|-------------|---|
| 1. English. | 4. Chemistry. |
| 2. Latin. | 5. Either French or German. |
| 3. Physics. | 6. Either Algebra, Plane Geometry, or Botany. |

ENGLISH. The candidate will be required to write a short composition on one of several subjects announced at the time of the examination. In 1896 the subjects will be drawn from one or more of the following works: Shakspeare's Merchant of Venice, Milton's Comus and Lycidas, Longfellow's Evangeline, Webster's first Bunker Hill Oration.

Every candidate is expected to have read intelligently all the books prescribed. The English written by a candidate in any of his examination books will be regarded as part of his examination in English in case the evidence afforded by the examination book in English is insufficient. The candidate will also be required to correct specimens of bad English.

LATIN. The translation at sight of simple Latin prose.

PHYSICS. Either (1) Gage's Elements of Physics, or (2) a course of experiments, not less than forty in number, performed at school by the student. These must be selected from a list issued by the University under the title, "A Descriptive List of Elementary Physical Experiments," or must be approved by the department of Physics as the equivalent of those contained in this list. In (2) the written examination will test the candidate's knowledge of experiments and experimenting as well as his knowledge of principles and results. The candidate will be required to hand in the original note-book in which he recorded the steps and results of the experiments which he performed at school, and this note-book must bear the endorsement of his teacher, certifying that the notes are a true record of the pupil's work. The note-book in Physics should contain an index of the exercises which it describes.

CHEMISTRY. Theoretical and descriptive (inorganic) Chemistry (a course based on Remsen's Introduction to the Study of Chemistry, or any similar manual), and qualitative analysis.

Each candidate will be required to hand in, at the hour of the written examination in Chemistry, the original note-book in which he recorded the work performed by him at school in qualitative analysis. This note-book must bear the endorsement of his teacher, certifying that the notes are a true record of the pupil's laboratory work.

DIVISION OF STUDIES.

FOUR YEARS' COURSE.

For the First Year. — Anatomy, Physiology, Histology and Embryology Hygiene, Bacteriology, and Medical Chemistry.

For the Second Year. — Practical and Topographical Anatomy, Clinical Chemistry, Pathology and Pathological Anatomy, Clinical Medicine, Theory and Practice, Surgery and Clinical Surgery, Materia Medica, and Therapeutics.

For the Third Year.—Obstetrics and Clinical Obstetrics, Theory and Practice of Medicine, Clinical Medicine, Surgery, Clinical Surgery, Dermatology, Diseases of the Nervous System, Diseases of Children, Mental Diseases, and Gynæcology.

For the Fourth Year.—Clinical Medicine, Clinical Surgery, Clinical Microscopy, Genito-urinary Surgery, Ovarian Tumors, Mental Diseases, Municipal Sanitation, Cookery, Ophthalmology, Otology, Laryngology, Orthopedics, Legal Medicine, and Syphilis; and, as elective studies, Ophthalmology, Otology, Orthopedics, Gynaecology, Dermatology, Neurology, Bacteriology, Physiology, Chemistry, Hygiene, Operative Surgery, and Operative Obstetrics.

METHODS OF INSTRUCTION.

The following methods of instruction are adopted in the several departments:—

Anatomy.—Lectures; various practical exercises, including abundant dissection, under the direction of the Demonstrator; recitations and demonstrations. In the first year there is a recitation at the end of the week on the subject-matter of the lectures of the week. The means and methods of illustrating the anatomical lectures are probably unrivalled in this country. In the second year much use is made of frozen sections and of the living model.

Histology and Embryology.—Lectures and laboratory work. Every student is recommended to purchase a microscope, but microscopes are provided for those whose means do not enable them to buy one, for the sum of \$8 for each term. Accommodations are furnished for those students who wish to pursue special or advanced courses. Special facilities are offered for original investigators. A special course in vertebrate embryology is given. This course has been accepted by the Faculty of Arts and Sciences, and is open to students of the academic departments.

Physiology.—Lectures, recitations, conferences, and demonstrations and practical work in the Laboratory. To properly qualified students opportunities are given for original investigations in the Laboratory.

Chemistry is taught mainly by practical work in the Laboratory, each student having his own desk and apparatus. In the second half of the first year Medical Chemistry is taught by lectures, recitations, and exercises in the Laboratory, where each student will be taught the chemistry and microscopy of the urine and the tests for the important poisons. During the second year the instruction will be chiefly clinical in character, the student being taught the diagnosis of kidney and other diseases by examination of the urine, and clinical toxicology. Instruction will also be given in the examination of blood and other stains, and of pathological concretions and fluids.

Pathology and Pathological Anatomy are taught by lectures, recitations, and practical instruction in pathological histology. Recently the Sears' Building, the gift of Dr. Henry F. Sears, having been finished, has been used for the instruction in this department. The basement is fitted up for the care of animals and for the storage of material. The first story contains the bacteriological laboratories. On the second floor are the rooms for the officers of instruction and for special students in pathological anatomy and histology. In the third story is the class-room for recitations and demonstrations, and for instruction in pathological histology. An adjoining room is especially constructed for photography. These laboratories open directly into the physiological laboratory which, in turn, is immediately connected with that for chemistry; all the appliances of each laboratory are thus available to the students in any one of them with the least possible loss of time. The collection of the Warren Anatomical Museum is used to illustrate the lectures, and morbid specimens in a fresh state are shown at the demonstrations. The lectures on pathology are mainly given on general pathology including the various processes of disease, the condition and laws under which they are produced, and the effects which they exert on the functions of the body. In the demonstrations the appearances of diseased organs are studied, and the various changes which have taken place in them are described. The instruction in pathological histology is continued throughout the year. In this course the finer changes in the tissues are studied and the manner in which they are produced is explained. Both in this course and in the demonstrations particular attention is paid to the diagnosis of tumors. Each student, provided with a microscope, the necessary instruments and reagents, prepares the various objects and submits them for examination and criticism. The students are invited to be present at post mortem examinations, the method of conducting them is explained, and the students themselves are allowed to perform them. Every encouragement is given to the students to carry on individual work in the pathological laboratory. All the facilities for work are provided and subjects for original investigation will be assigned to those who have shown themselves capable. Only those students will be allowed to work individually in the laboratory who have shown by their work in the first two years of their study, that they are both diligent and capable. Microscopes will be provided those students whose means will not permit the purchase of an instrument.

Therapeutics and Materia Medica.—Therapeutics and Materia Medica are taught by lectures and recitations with exhibition of medicines and pharmaceutical processes. Besides the large and complete cabinet of materia medica in the Museum, a collection of officinal drugs and chemicals, and of all the important preparations is placed where it can be seen by the students at any time.

The course of lectures in this subject is supplemented by a course in practical pharmacy in which the compounding of prescriptions is illustrated.

In addition to the course of lectures on Therapeutics, the practical relation of remedies to diseased conditions is also particularly dwelt upon in the lectures and other exercises in the department of Clinical Medicine.

Experimental Pharmacology and Therapeutics. — A special laboratory has been equipped for original research in these subjects. Here an opportunity is offered for practical training and instruction in the methods and use of the special apparatus employed in determining the toxic and physiological action of drugs and their practical value as remedies. This is open to a limited number of duly qualified undergraduates.

The Theory and Practice of Medicine. — At the Medical School lectures on selected subjects are given to the third class, and systematic recitations on the general subject are held for the second class. Clinical lectures on the practice of medicine are given to the third class at the Massachusetts General Hospital.

Clinical Medicine. — Daily instruction is given in this department by clinical lectures, hospital visits, and other exercises. The teaching for the second, third and fourth years is graded and separate for each year, except that students of the fourth class are allowed to attend the clinical lectures given for the third class if they wish.

In the first half of the *second* year Auscultation and Percussion is taught in small divisions, each student having two exercises a week for four months. In the second half-year ward visits, also in small divisions, take the place of Auscultation and Percussion.

Throughout the year twice a week the class as a whole has clinical instruction in case-taking, diagnostic methods and diagnosis.

In the *third* year the teaching is more advanced, includes therapeutics, and comprises four clinical exercises a week in the amphitheatre and hospital wards. During the year, so large is the amount of material at disposal, a wide range of diseases is practically illustrated, and many even of the rarer affections are shown by several examples.

In the *fourth* year under the new system still more advanced clinical instruction, with special attention to Clinical Therapeutics, will be given, and students will be brought into even closer contact with cases.

The Clinical Conference will be transferred to this year. Several cases will be assigned each student who must examine and follow them up, writing a full report upon them. From these papers selections will be made and reports read before the class with a full opportunity for criticism by the class, the Professor of Clinical Medicine and other teachers in the department.

Surgery. — Instruction is given by systematic lectures, recitations, demonstrations at clinics, and laboratory exercises. There are two recitations a week throughout the year for the second class. These exercises are given partly at the Medical School and partly at the Hospital.

In the second year exercises are given also in the laboratory on the application of surgical apparatus and bandaging. The mechanical treatment of each variety of fracture is illustrated and the student himself applies the apparatus. The different forms of bandages, including all fixed protective dressings, in which silicate of potash, dextrine and plaster of Paris are employed, are applied by each student under critical supervision. The apparatus used in the preparation of surgical dressings is explained in detail.

A laboratory course is also given on the use of all kinds of surgical instruments, and their application is demonstrated upon the living subject and upon anesthetized animals.

Two systematic lectures a week are given throughout the year, at the Medical School, to the third class, and one lecture a week, with clinical demonstrations, at the Hospital.

Instruction is given in Orthopedic Surgery by lectures at the School and clinical demonstrations at the Children's Hospital.

Ample opportunity is given for the study of Surgical Anatomy and Minor Surgery, and to see all kinds of surgical operations.

Clinical Surgery. — Instruction in Clinical Surgery is given at the Massachusetts General Hospital, City Hospital, and Carney Hospital, each week throughout the year, as follows:—

One clinical conference, one clinical lecture, eight visits in the hospital wards, and two public operating days.

The surgical clinical conference is an exercise at which a student of the third class presents an elaborate and carefully prepared paper on a surgical case in the hospital wards, which has been assigned him. This paper he is obliged to read in the amphitheatre of the Hospital before the whole class, and defend it from their criticism. At the close of the exercise the Professor of Clinical Surgery gives a résumé of the case and his opinions upon it. The students of the second class attend these exercises preparatory to their active participation in them in their third year.

The second class is divided into small sections, and daily clinics are given to them in the out-patient department of the Massachusetts General Hospital and the City Hospital, in which the students are brought into personal contact with the patients, have practical exercises in the application of bandages and apparatus, and see a large number of cases of minor surgery.

The clinical lecture is given either over surgical cases brought into the amphitheatre and illustrated by explorations or operations, or at the bedside

in the wards illustrating the dressing of wounds, the treatment of fractures, and the progress of cases from entrance to discharge from the Hospital. Every candidate for a degree is required to report a case in Clinical Surgery.

Operative Surgery. — A course illustrating all the classic and many of the modern operations in surgery is given by the Professor of Clinical Surgery to the third and fourth classes. These operations are repeated on the cadaver by the students under the direct supervision of the Professor and a corps of assistants.

Obstetrics. — Instruction in this department is given by lectures, recitations, conferences, and clinical teaching. Students are required to take charge of at least six cases of labor, to receive clinical instruction on at least one of them, to care for their patients during the convalescence, and to make full written reports of the cases; many of these reports are read at the conferences and discussed by the class and the instructors. A course on operative obstetrics, with practical illustrations on the cadaver and manikin, is given during the second half-year.

Diseases of Women. — Lectures and practical instruction at the different dispensaries in the education of the touch. In these institutions every facility is given the student to become familiar with the different forms of uterine disease. A course in operative gynaecology extending throughout the year at the Free Hospital for Women is open to students of the third and fourth classes. To students of the fourth class cases are assigned for personal examination; these cases are reported in full at the clinical conference, and are made the subject of discussion by members of the class and the instructor. These students are also called upon to assist at the operations in the operative course. There is also a course in operative gynaecology upon the cadaver, at which each student of the fourth class is expected to perform the ordinary gynaecological operations with his own hands.

Pediatrics. — The instruction in this subject consists of a systematic course of lectures extending through the entire third year.

The teaching consists of lectures and the direct examination of cases. The amount of material at the disposal of the students in this department is very large, as it comprises the cases which are treated at the Boston Dispensary, Children's Hospital, and City Hospital. The special wards for Diphtheria and Scarlet Fever at the City Hospital offer unusual advantages for the study of these diseases, and are always at the disposal of the Professor for the benefit of the students. The instruction also includes clinical conferences and the visiting at their homes, in the Dispensary Districts, of such rare and interesting cases as are not usually seen in the hospitals.

Ophthalmology. — Lectures and clinical instruction at the Massachusetts Charitable Eye and Ear Infirmary, Boston City Hospital, and Massachusetts General Hospital.

Dermatology. — A systematic and clinical course is given. The special out-patient department at the Massachusetts General Hospital furnishes ample means for illustration.

Syphilis. — Lectures and clinical instruction.

Otology. — Lectures and clinical instruction at the Massachusetts Charitable Eye and Ear Infirmary, and at the Boston City Hospital.

Diseases of the Throat and Nose. — Instruction in this department consists of lectures, demonstrations, and practical training in the use of instruments. The class is divided into small sections, and the practical work is conducted in the clinics at the Massachusetts General Hospital, the Boston City Hospital, and the Boston Dispensary.

Diseases of the Nervous System. — Lectures and demonstrations.

Legal Medicine. — Lectures and demonstrations.

Embryology and Histology. — Lectures.

Hygiene. — Lectures and demonstrations.

Bacteriology. — The instruction in Bacteriology during the first year consists of lectures and practical laboratory work. The lectures treat of the general subject and of methods of practical work.

In the laboratory, each student becomes familiar with the simple methods of manipulation and staining which are of special clinical use. The elective course in the fourth year is mainly practical and opportunities for special investigation will be offered such students as can spend the necessary time in the laboratory.

TEXT-BOOKS.

The following works are recommended as text-books, and for collateral reading and consultation:—

ANATOMY.

Text-Books. — Gray (11th edition). Morris. Quain (10th edition). Wilson. Holden's Landmarks. Dwight's Frozen sections of a Child. Treves' Applied Anatomy. Dexter's Anatomy of the Peritoneum.

Collateral Reading. — Harrison Allen's Anatomy. Tillaux, Anatomie topographique. Holden's Osteology. Humphry's Human Skeleton. Morris, on the Joints. Weisse's Practical Human Anatomy. McClellan's Regional Anatomy.

HISTOLOGY AND EMBRYOLOGY.

Text-Books. — Stöhr's Lehrbuch der Histologie, Piersol's Histology, or Schaefer's Essentials of Histology.

Collateral Reading. — Quain's Anatomy (10th edition). Lee's microscopist's Vade-mecum, Schiefferdecker and Kossel's Gewebelehre. Minot's Human Embryology. Marshall's Vertebrate Embryology.

PHYSIOLOGY.

Text-Books. — Foster's Text-book of Physiology. Martin, The Human Body. Kirke's Handbook of Physiology. Waller, Human Physiology.

Collateral Reading. — Hermann's Lehrbuch der Physiologie. Fick, Compendium der Physiologie. Halliburton's Text-book of Chemical Physiology and Pathology. McGregor-Robertson's Elements of Physiological Physics. Landois' Manual of Human Physiology. Stirling's Practical Physiology.

MEDICAL CHEMISTRY.

Text-Books. — Tyson, Practical Examination of Urine. Wharton and Stillé's Medical Jurisprudence, Vol. II., on Poisons, (4th edition).

Collateral Reading. — Ultzmann and Hoffmann's Atlas der Harnsedimente. Roberts' Urinary and Renal Diseases. Neubauer and Vogel, Analysis of the Urine. Hoppe-Seyler, Physiologische Chemie. Taylor on Poisons. Wormley's Micro-Chemistry of Poisons. Halliburton's Text-book of Chemical Physiology and Pathology. Lea's Chemical Basis of the Animal Body (appendix to Foster's Text-book of Physiology).

THERAPEUTICS AND MATERIA MEDICA.

Text-Books. — White's Materia Medica and Therapeutics. National Dispensatory.

Collateral Reading. — H. C. Wood's Therapeutics. Hare's Practical Therapeutics. Bartholow's Therapeutics. Brunton's Pharmacology, Therapeutics, and Materia Medica. Ede's Materia Medica and Therapeutics.

PATHOLOGY AND PATHOLOGICAL ANATOMY.

Text-Books. — Ziegler's Pathological Anatomy and Pathogenesis. Woodhead's Practical Pathology. Orth's Compend of Diagnosis in Pathological Anatomy.

Collateral Reading. — Friedlaender's Use of the Microscope in Clinical and Pathological Examinations. Cohnheim's Lectures on General Pathology.

OBSTETRICS.

Text-Books. — Lusk's Manual of Midwifery.

Collateral Reading. — Reynold's Practical Midwifery. Schroeder's Manual of Midwifery. Winckel's Diseases of Childbed. Schauta's Grundriss der operativen Geburtshilfe. Kucher's Puerperal Convalescence.

THEORY AND PRACTICE.

Text-Books. — Osler's Practice of Medicine. Strümpell's Text-Book of Medicine. Pepper's Text-Book of the Theory and Practice of Medicine by American Teachers.

Collateral Reading. — Pepper's System of Practical Medicine by American authors. Eulenburg's Real-Encyclopädie der gesammten Heilkunde, 2^{te} aufl.

CLINICAL MEDICINE.

Text Books. — Strümpell's Text-Book of Medicine. Osler's Practice of Medicine. Flint's Practice of Medicine. DaCosta's Medical Diagnosis. Musser's Medical Diagnosis. Flint's Manual of Percussion and Auscultation. Tyson's Physical Diagnosis.

Collateral Reading. — Pepper's System of Practical Medicine by American Authors. Pepper's American Text-books of the Theory and Practice of Medicine. Fagge's Practice of Medicine. Gowers' Diseases of the Nervous System. Cutler and Garland's Percussion Outlines.

SURGERY.

Text-Books. — An American Text-Book of Surgery. Warren's Surgical Pathology.

Collateral Reading. — The International Encyclopaedia of Surgery. Greig Smith's Abdominal Surgery. Stephen Smith's Operative Surgery. Morrow's System of Genito-Urinary Diseases. Ranney's Surgical Diagnosis.

GYNAECOLOGY.

Text-Books. — Pozzi, Treatise on Gynaecology (American edition).

Collateral Reading. — Mann's American System of Gynaecology. Emmet's Principles and Practice of Gynaecology. Davenport, on the Diseases of Women.

PEDIATRICS.

Text-Book. — Rotch's Pediatrics.

Collateral Reading. — Keating's Cyclopaedia of the Diseases of Children.

OPHTHALMOLOGY.

Text-Books. — Noyes, Nettleship, Williams, Fuchs, Swanzy.

Collateral reading. — Loring, on the Ophthalmoscope. Landolt, on Refraction and Accommodation.

OTOLOGY.

Text-Books. — Barr, Roosa, Burnett.

Collateral Reading. — Politzer, Diseases of the Ear. Schwartz, Chirurgische Krankheiten des Ohres.

DERMATOLOGY.

Collateral Reading. — Duhring, Hyde, Robinson, Crocker, Kaposi, Behrend, v. Ziemssen, Besnier, Boocq.

NEUROLOGY.

Text-Books. — Gower's Diseases of the Nervous System. Dana's Text-Book of Nervous Diseases. Hirt's Diseases of the Nervous System. Gray's Mental and Nervous Diseases. Herter's Manual of Diagnosis of Nervous Diseases.

LEGAL MEDICINE.

Text-Books. — Taylor's Manual of Medical Jurisprudence.

Collateral Reading. — Ogston, Mann, Hofmann, Woodman and Tidy.

INSTRUCTION FOR 1894-95.

Anatomy.

Descriptive Anatomy. *Four times a week.* Professor DWIGHT. *Recitations.* *Once a week.* Dr. CONANT.

Practical Anatomy, with Exercises in Dissection. *Eight hours daily from October 15th till May.* Demonstrations. Drs. DEXTER, CONANT, MUNRO, BROOKS, C. A. PORTER, and TENNEY.

Topographical and Advanced Anatomy. *Once a week.* Professor DWIGHT. *Topographical and Applied Anatomy.* *Three times a week from November till May.* Assistant Professor M. H. RICHARDSON.

Histology and Embryology.

Histology. — Lectures. *Twice a week during the first half-year.* Professor MINOT. *Laboratory Exercises.* *Twice a week during the first half-year.* Professor MINOT, Drs. QUINCY, AMES, and E. M. GREENE.

Embryology. — Lectures. *Once a week during the second half-year.* Professor MINOT. *Laboratory Exercises.* *Twice a week during the second half-year.* Professor MINOT, Drs. QUINCY and AMES.

Bacteriology.

Eighteen lectures in second half-year. Asst. Professor ERNST.

Practical Laboratory Work. *Eighteen hours for each student in the second half-year.* Asst. Professor ERNST.

Physiology.

Systematic and Experimental Physiology. *Four times a week during first half-year.* *Five times a week during second half-year.* Professors BOWDITCH and W. T. PORTER.

Laboratory Exercises in Experimental Physiology. *Four times a week in sections.* Dr. PRAFF.

Chemistry.

Medical Chemistry. *Twice a week during second half-year.* Professor HILLS.

Clinical Chemistry. *Twice a week.* Professor WOOD.

Practical Exercises in the Laboratory *Daily.* Professors WOOD and HILLS, and Drs. WORCESTER and OGDEN.

Hygiene.

Lectures and Demonstrations. *Once a week during the second half-year.* Dr. HARRINGTON.

Therapeutics and Materia Medica.

Lectures and Recitations. *Twice a week.* Dr. HARRINGTON.

Voluntary Laboratory Work. Dr. HARRINGTON and Mr. JORDAN.

Pathology and Pathological Anatomy.

General Pathology and Pathological Anatomy. *Twice a week.* Professor COUNCILMAN.

Special Pathological Anatomy, with Demonstrations. *Twice a week.* Professor COUNCILMAN.

Laboratory Exercises in Pathological Histology. *Twice a week.* Professor COUNCILMAN and Drs. WHITNEY, PRESCOTT, and WRIGHT.

Practical Instruction in Performing Autopsies. *Throughout the year.* Professor COUNCILMAN and Dr. WHITNEY.

Surgery.

Surgery and Surgical Pathology. *Three times a week at the School and at the Hospital throughout the year.* Professor WARREN.

Recitations. *Once a week.* Asst. Professor BURRELL and Dr. CABOT.

Application of Bandages and Apparatus. *Laboratory exercises to the class in sections during first half-year.* Drs. SCUDDER, and C. A. PORTER.

Use of Instruments. *Laboratory exercises to the class in sections during the second half-year.* Drs. MIXTER and C. A. PORTER.

Clinical Surgery.

Lectures. *Once a week till January.* Professor CHEEVER. *Once a week from October till March.* Professor PORTER. *Once a week from March till June.* Professor WARREN.

CLINICAL SURGERY. — THIRD CLASS.

Clinical Surgery Conference. *Once a week, from October till May.* Professor PORTER.

Clinical visits, in sections of half the class, once a week throughout the year, at the Massachusetts General Hospital, by Professors PORTER and WARREN, Assistant Professor M. H. RICHARDSON, and Drs. BEACH, HOMANS, and CABOT. — At the Boston City Hospital, by Assistant Professors BRADFORD and BURRELL, and Drs. GAY, BOLLES, POST, GAVIN, WATSON, and MONKS.

CLINICAL SURGERY. — SECOND CLASS.

In small sections daily in the Out Patient Departments of the Massachusetts General Hospital, by Drs. MIXTER, CONANT, and SCUDDER. — At Boston City Hospital, by Drs. LOVETT, SMITH, and MUNRO. — At Carney Hospital, by Drs. MUNRO, P. THORNDIKE, and MUMFORD.

Clinical visits, *in sections of half the class, once a week throughout the year*, at the Massachusetts General Hospital and Boston City Hospital.

OPERATIVE SURGERY.

Operations are performed before the students one day each week throughout the year in the Amphitheatres at the Massachusetts General Hospital and Boston City Hospital.

Operative Surgery and Surgical Anatomy. *Exercises illustrated upon the cadaver twice a week in March and April.* Professor PORTER.

Operative Surgery, *Fifteen practical exercises by the students of the Third Class*, under the direction of Professors PORTER and BURRELL, assisted by Drs. MIXTER, CONANT, MONKS, WATSON, SCUDDER, LOVETT, and THORNDIKE.

The Surgical Cases at the Eye and Ear Infirmary and at the Boston Dispensary are shown by the surgeons in charge.

Dermatology.

Diseases of the Skin. *Once a week.* Professor WHITE.

Clinical Dermatology. *Once a week.* Professor WHITE.

Theory and Practice of Physic.

Lectures. *Twice a week.* Professor FITZ. Clinical lectures. *Twice a week.* Professor FITZ. Recitations. *Twice a week.* Dr. CUTLER.

Clinical Medicine.

SECOND CLASS.

Clinic. *Once a week.* Dr. VICKERY. *Once a week.* Dr. WITHINGTON.

Practical Instruction in Auscultation and Percussion. *Six times a week during the first half-year.* Drs. GANNETT, V. Y. BOWDITCH, H. JACKSON, and SEARS. *During the second half-year.* Professor MASON, and Drs. GANNETT, VICKERY, and WITHINGTON.

THIRD CLASS.

Twice a week. Professor SHATTUCK. *Twice a week.* Professor MASON. Practical Diagnosis and Treatment of Diseases of the Nervous System. *Once a week.* Professor PUTNAM.

Mental Diseases. *Once a week during second half-year.* Dr. FISHER.

Medical visits are made at the Massachusetts General Hospital by Professors FITZ, W. L. RICHARDSON, and SHATTUCK, and Drs. CUTLER and

GANNETT.—At the City Hospital, by Professors ROTCH and MASON, and Drs. J. G. BLAKE, G. B. SHATTUCK, FORSTER, and FOLSOM.—At the Danvers, South Boston, and Somerville Hospitals for the Insane.—The Medical Cases at the Boston Dispensary are shown by the physicians in charge.

Pediatrics.

Lectures. *Once a week.* Professor ROTCH.

Clinical Exercises. *Twice a week.* Professor ROTCH and Drs. BUCKINGHAM, WENTWORTH and CRAIGIN.

Clinical Conference. *Once a week during second half-year.* Professor ROTCH and Drs. BUCKINGHAM, WENTWORTH and CRAIGIN.

Obstetrics.

Theory and Practice of Obstetrics. *Twice a week.* Professor WM. L. RICHARDSON. Recitations. *Once a week.* Asst. Professor C. M. GREEN.

Operative Obstetrics. *Twelve practical exercises.* Asst. Professor C. M. GREEN.

Practical Instruction in Clinical Obstetrics. *Throughout the year.* Asst. Professor C. M. GREEN and Drs. REYNOLDS, TOWNSEND and HAVEN.

Obstetrical Conference. *Once a week after January 1st.* Professor WM. L. RICHARDSON and Asst. Professor C. M. GREEN, and Drs. REYNOLDS, TOWNSEND, and HAVEN.

Gynaecology.

Lectures. *Once a week during second half-year.* Professor BAKER.

Clinics. *Once a week during second half-year.* Professor BAKER and Drs. DAVENPORT and SWIFT.

INSTRUCTION FOR 1894-95 TO STUDENTS OF THE FOURTH YEAR.

Clinical Medicine.

Once a week for seven months. Dr. GANNETT. *Once a week for three months.* Dr. VICKERY.

Diseases of Children.

Twice a week at Children's Hospital for three months and special clinical exercises. Professor ROTCH and Dr. BUCKINGHAM.

Diseases of the Nervous System.

Twice a week for four months. Dr. WALTON. *Twice a week for four months.* Dr. KNAPP.

Mental Diseases.

Twice a week for four months. Dr. FISHER. *Once a week for three months.* Dr. COWLES.

Surgery.

Clinical Surgery. *Twice a week for two months.* Dr. GAY. *Twice a week for three months.* Asst. Professor BURRELL.

Operative Surgery. *Practical Exercises.* Professor PORTER, Asst. Professor M. H. RICHARDSON, and Drs. MIXTER and MONKS.

Orthopedic Surgery. *Twice a week for two months.* Asst. Professor BRADFORD.

Ovarian Tumors.

Once a week for two months. Dr. HOMANS.

Obstetrics.

Clinical Obstetrics. *Twice a week for four months.* Professor WM. L. RICHARDSON.

Operative Obstetrics. *Practical Exercises.* Asst. Professor C. M. GREEN.

Gynaecology.

Twice a week for eight months. Professor BAKER. *Twice a week for three months.* Dr. DAVENPORT. *Twice a week for eight months.* Dr. SWIFT.

Operative Gynaecology. *Practical Exercises.* Professor BAKER.

Dermatology.

Twice a week for eight months. Professor WHITE.

Syphilis.

Twice a week for four months. Dr. POST.

Ophthalmology.

Twice a week for eight months. Professor WADSWORTH. *Twice a week for four months.* Dr. CHENEY.

Otology.

Three times a week for eight months. Professors C. J. BLAKE and J. O. GREEN.

Diseases of the Throat and Nose.

Three times a week for three months. Dr. COOLIDGE.

Diseases of the Genito-Urinary Apparatus.

Once a week for four months. Dr. CABOT. *Once a week for three months.* Dr. WATSON.

Legal Medicine.

Three times a week during the first half-year. PROFESSOR DRAPER.

Hygiene.

Twice a week for two months. DR. DURGIN.

Pathological Anatomy.

Once a week for six months. DR. WHITNEY.

Bacteriology.

Eighteen lectures in the first-half year. ASST. PROFESSOR ERNST.

Cookery.

Twice a week (two hours) for one month. BOSTON COOKING SCHOOL.

CLINICAL ADVANTAGES.

The Medical Department of the University is established in Boston, in order to secure those advantages for Clinical Instruction and for the study of Practical Anatomy which are found only in large cities.

There are Hospital visits or operations daily.

The Massachusetts General Hospital. — During the past year, 3524 patients were treated in the wards, and 26,527 in the out-patient departments. Patients are received from all parts of the United States and the Provinces, and are visited by the students, with the attending physicians and surgeons, on four days in the week. Operations are numerous, and are performed in the amphitheatre, which is provided with seats for 400 persons. Clinics in the following special branches have been established in connection with the out-patient department: Dermatology, Laryngology, Diseases of the Nervous System, and Ophthalmology.

The City Hospital. — During the past year, 8763 cases were treated in its wards, and 15,592 in its various out-patient departments. The medical wards always contain many cases of acute diseases, and changes are taking place constantly. The opportunities for seeing fractures, injuries, and traumatic cases of all kinds are excellent, since, on an average, 800 street accidents are yearly treated. Surgical operations are performed in the amphitheatre. Diseases of the eye, the ear, and the skin are largely treated in the out-patient department. Clinical instruction is given by the physicians and surgeons twice a week.

In these two hospitals, the facilities for witnessing Operative Surgery are unsurpassed. Twice a week operations are performed in the presence of the class. The number of these operations is large, reaching nearly two thousand a year. The variety is great, embracing every surgical disease and injury, including the surgical operations on the eye and ear.

The Boston Lying-in Hospital. — More than five hundred patients are annually confined in the Hospital. In the out-patient department, over a thousand cases are annually attended by the hospital externes who are appointed from the third and fourth year students. Clinical instruction is given in these cases by the physicians to out-patients and the House Physicians.

The Boston Dispensary. — 26,405 patients were treated at this Public Charity during the past year. A new building has lately been erected at a cost of \$50,000, where students have ample and excellent opportunity for seeing practical work in the diagnosis and treatment of cases illustrating the various branches of medicine and surgery.

The Massachusetts Charitable Eye and Ear Infirmary. — The fourteen thousand patients annually treated at this institution present every variety of disease of the ear and eye, and supply a large number of operations.

The Marine Hospital at Chelsea receives from the shipping of the port a large number of patients, who furnish examples of the diseases of foreign countries and of distant parts of the United States. Many cases of venereal disease, in its various forms, are treated annually.

The Free Hospital for Women. — In the wards of this institution, which is devoted exclusively to the diseases peculiar to women, abundant opportunity is offered to study the severer forms of uterine disease, and to witness operations which are performed twice a week throughout the year. In the out-patient department, where over 5000 patients are annually treated, every advantage is given the student to observe the less serious forms of disease and witness a large amount of minor gynaecological surgery.

Students are also permitted to visit the Children's Hospital and the Carney Hospital on application to the physicians on duty.

There are more than sixty appointments annually for Internes in the various hospitals, and nearly as many more for Assistants in the out-patient departments. Appointments for the Massachusetts General and City Hospitals are for the term of eighteen months, for the Boston Lying-in Hospital for six months, and for the Free Hospital for Women for nine months.

EXAMINATIONS.

The regular examinations are conducted in writing and orally, and are (with a few exceptions) held at the end of each year in June, and during the opening week in September, on the studies of the preceding year.* In some branches a portion of the examination consists of practical work in the laboratory. Examinations will be held in the following order in the graded four years course beginning with the year 1892-93:—

First Year.—Anatomy (2 hrs.), Physiology (8 hrs.), Histology † (1 hr.), Medical Chemistry (1½ hr.), Bacteriology (1 hr.).

Second Year.—Advanced Anatomy (2 hrs.), Pathological Anatomy (3 hrs.), Clinical Chemistry (2 hrs.), Materia Medica and Therapeutics (2 hrs.).

Third Year.—Theory and Practice (8 hrs.), Surgery (8 hrs.), Obstetrics (3 hrs.), Pediatrics (2 hrs.), Dermatology (1 hr.), Neurology (1 hr.), Gynaecology (1 hr.), Mental Diseases (1 hr.).

Fourth Year.—Clinical Medicine (3 hrs.), Clinical Surgery (2 hrs.), Orthopedics (1 hr.), Ophthalmology † (1 hr.), Otology † (1 hr.), Laryngology † (1 hr.), Legal Medicine † (1 hr.), Syphilis † (1 hr.).

Electives.—Gynaecology (2 hrs.), Dermatology (2 hrs.), Neurology (2 hrs.), Ophthalmology (2 hrs.), Otology (2 hrs.), Orthopedic Surgery (2 hrs.), Physiology (1 hr.), Chemistry (1 hr.), Operative Surgery (1 hr.), Operative Obstetrics † (1 hr.), Bacteriology † (1 hr.), Hygiene † (1 hr.).

‡ In addition to the above examinations each student is required to present a satisfactory report of the analysis of a specimen of urine, to examine and report upon a clinical case in Medicine and Surgery, and to take charge of and report upon six cases in Obstetrics; each student must also have dissected the three parts of the body to the satisfaction of the Demonstrator, and no student shall be admitted to the examination on Anatomy at the end of the first year who has not so dissected two parts, nor to that at the end of the second year who has not so dissected three parts, unless excused by the Professor of Anatomy.

In the fourth year, at least three hours of examination in electives are obligatory. The choice of electives must be made within two weeks of registration at the beginning of the year and must be given to the Secretary in writing.

Students intending to elect Dermatology, Neurology, or Gynaecology in the fourth year need not pass an examination in these subjects at the

* The June examination is for those only who are members of the School at the time, and for those entitled to apply for the degree.

† The examinations in these subjects will be held at the end of the first half-year.

‡ This paragraph applies to examinations in both courses of study.

end of the third year, provided their choice is made at the beginning of the second half of the third year.

Students electing Ophthalmology, Otology, or Orthopaedics in the fourth year are obliged to pass only the two-hours examination in these subjects at the end of the year. Only one hour of these two can count as an elective.

Candidates for the degree who shall have served satisfactorily as internes in the Massachusetts General Hospital, Boston City Hospital, Carney Hospital, and Children's Hospital, for a period of not less than one year, may be exempt from examination in the electives of the fourth year.

No student is allowed to anticipate the examinations in the regular course of studies of his year, except by special permission of the Faculty. Those who fail in any subject may again present themselves in that subject at the next regular examination.

After two failures to pass in any subject a charge of \$3. will be made for each subsequent examination in that subject.

The following is the order of examinations and the rules governing them for the fourth class during the year 1894-95. Each candidate must pass examinations amounting to ten (10) hours, chosen from the following list of studies. The choice must be made within two weeks after registration and is to be regarded as final:—

Ophthalmology (2 hrs.), Dermatology (2 hrs.), Otology (2 hrs.), Laryngology (1 hr.), Gynaecology (2 hrs.), Diseases of Children* (2 hrs.), Diseases of Nervous System (2 hrs.), Mental Diseases (1 hr.), Clinical Obstetrics (2 hrs.), Operative Obstetrics (1 hr.), Operative Surgery (1 hr.), Legal Medicine* (1 hr.), Hygiene (1 hr.), Bacteriology* (1 hr.).

The above courses are entirely distinct from third-year courses of the same title; and in addition there will be given clinical and laboratory courses in Orthopedic Surgery, Genito-urinary Diseases, Syphilis, Ovarian Tumors, Clinical Microscopy, Preparation of Food for Infants and Invalids; in these courses no examination is required.

A house-officer in the Massachusetts General Hospital, Boston City Hospital, Carney Hospital, McLean Hospital, Boston Lunatic Hospital, Massachusetts Charitable Eye and Ear Infirmary, Boston Children's Hospital, Cambridge Hospital, and Free Hospital for Women may obtain the fourth-year degree by entering the fourth class, passing an examination in the electives amounting to five (5) hours, and presenting a certificate of satisfactory performance of duty as interne in the Hospital for a period equivalent to the School year, and an acceptable thesis or clinical report based

* The examination in these subjects will be held at the end of the first half-year.

upon observations made during his service. On account of the shorter services in the Lying-In Hospital and Adams Nervine Asylum internes of these institutions will be required to pass an aggregate of seven (7) hours examination and present a certificate and thesis as above.

Medical students who desire to devote their fourth year of study mainly to advanced work in any of the laboratories of the School may obtain the fourth-year degree upon passing examinations in the elective studies aggregating five (5) hours, and presenting an acceptable thesis based on the laboratory work actually done.

The regular examinations for the year 1894-95 will begin June 6 and September 24.

DIVISION OF STUDENTS.

Students are divided into four classes, according to their time of study and proficiency. Students who began their professional studies in other recognized Medical Schools may be admitted to advanced standing; but all persons who apply for admission to the advanced classes must pass examinations in the branches already pursued by the class to which they seek admission, and furnish a satisfactory certificate of time spent in medical studies. No student may advance with his class, or be admitted to advanced standing, until he has passed the required examinations in the studies of the previous year, or a majority of them; nor may he become a member of the third class, until he has passed all the examinations of the first, including admission examinations, and in addition a majority of those of the second year; nor of the fourth class, until he has passed all of the examinations of the first and second, in addition to a majority of those of the third year.

In order that the time of study shall count as a full year, students of all classes must present themselves within the first week of the School year and register their names with the Secretary.

Any student may obtain a certificate of his period of connection with the School.

LIBRARIES.

The students have access, free of charge, to the books belonging to the library of the School and to the libraries of the several departments.

The College Library at Cambridge is open to the students of the Medical School.

The Boston Public Library, which contains a large collection of medical books, is open to students who are inhabitants of Boston. Students, not inhabitants of Boston, who have filed a bond at the Treasurer's office, or deposited with the Treasurer the sum of fifty dollars, may also use this library. The fine library building which is just completed stands next door to the Medical School:

REQUIREMENTS FOR A DEGREE.

Every candidate must be twenty-one years of age, and of good moral character; must give evidence of having studied in a recognized Medical School at least four full years; have spent at least one continuous year at this School; and have passed the required examinations.

At the end of the four years of study the degree of Doctor of Medicine will be given to those students who have fulfilled its requirements. This degree *cum laude* will be given to candidates who have obtained an average of over seventy-five per cent* in all the required examinations.

The presentation of a thesis is not a requirement for graduation, but candidates for the degree of M.D. may present a voluntary thesis. If of conspicuous merit, it will receive honorable mention; if also of a suitable character, it may be read at the University Commencement exercises. Theses must be completed and delivered to the Dean on or before the first day of June.

The degree of Master of Arts is open to graduates of the School who are also Bachelors of Arts of Harvard College, and to Bachelors of Arts of other Colleges who shall be recommended by the Faculty of Arts and Sciences of Harvard College. Candidates must pursue an approved course of study in Medicine for at least one year after taking the degree of Doctor of Medicine.

Students who have taken the four years' course, having completed one year of study at the beginning of the year 1892-93 and who have passed the examinations "with high credit," may obtain the degree of Master of Arts by presenting their applications to the Chairman of the Graduate Committee of Harvard College and also to the Secretary of the Medical Faculty on or before the first of May in the year of their final examinations.

A graduate of another medical school may obtain the degree of M.D. at this University, after a year's study in the graduates' course and after passing the required examinations, which may be taken at such times as shall be agreed upon by the examiners and the graduate student.

ANATOMICAL PRIZE.

Professor C. B. PORTER offers a prize of fifty dollars, open to all students, and graduates of not more than five years' standing, except teachers of anatomy, for the best dissection deserving the award illustrative of surgical anatomy, the specimen to be presented to the Museum.

* In computing averages all examinations will be reduced to a basis of three hours.

OTOLOGY PRIZE.

For the best preparation illustrating the osseous anatomy of the ear or for the best thesis showing original work on an otological subject, the sum of twenty-five dollars, open to third and fourth-year students.

PECUNIARY AID.

FELLOWSHIPS AND SCHOLARSHIPS.

BULLARD FELLOWSHIPS. In 1891, Mr. William S. Bullard gave the sum of fifteen thousand dollars for the establishment of three fellowships of five thousand dollars each "in memory of three physicians who were distinguished for their honorable personal character and for their professional services in this community." Accordingly the three following fellowships were established with a yearly income of \$225 each: —

THE GEORGE CHEYNE SHATTUCK MEMORIAL FELLOWSHIP.

THE JOHN WARE MEMORIAL FELLOWSHIP.

THE CHARLES ELIOT WARE MEMORIAL FELLOWSHIP.

The income from any one or all of these fellowships may be paid to any student or member of the medical profession who shall be selected by the Faculty of the Medical School to make such original investigations in Medical Science, as in their opinion will be most useful to the profession and to the community.

BARRINGER SCHOLARSHIPS. Two, known as the Edward M. Barringer Scholarship No. 1, and the Edward M. Barringer Scholarship No. 2, and having a yearly income of \$300 and \$200 respectively, from a bequest of Edward M. Barringer will be awarded to deserving students, preferably those of the fourth class.

DAVID WILLIAMS CHEEVER SCHOLARSHIP, with an income of \$200. Founded by David Williams Cheever, M.D., of Boston in 1889. To be awarded to a poor and meritorious student of the first year only, after three months probation in the Medical School.

ISAAC SWEETSER SCHOLARSHIP. Founded in 1892 by Mrs. Anne M. Sweetser. The income of \$250 to be "devoted to the aid of poor students of ability who would not otherwise be able to continue the studies necessary for their profession."

CLAUDIUS M. JONES SCHOLARSHIP, with an income of \$250, from a bequest of six thousand dollars by Claudius M. Jones, M.D.

ORLANDO W. DOE SCHOLARSHIP. One-half the income from the bequest of Orlando W. Doe, M.D., of five thousand dollars, amounting to \$100 "to be given annually as a scholarship to a deserving student in the Medical department."

CHARLES PRATT STRONG SCHOLARSHIP, with an income of \$100. Founded in 1894 by friends and patients of the late Charles Pratt Strong, M.D.

The LEWIS AND HARRIET HAYDEN SCHOLARSHIP for colored students. Founded in 1894 from a bequest of Mrs. Harriet Hayden. The income in 1894-95 will be about \$100.

FACULTY SCHOLARSHIPS. Four, with an income of \$200 each, have been established by the Faculty, and are open to meritorious students who have been at the School for at least one year. Only those students needing assistance are expected to apply; and of such, those holding the highest rank will have the preference. Holders of scholarships may be required to render assistance in laboratory courses to an amount not exceeding four hours per week.

The income of the John Foster Fund, amounting to about one hundred and fifty dollars, is payable every other year to one or more meritorious students needing assistance.

After the present year no Scholarship, except the Cheever Scholarship, will be awarded to a member of the first-year class.

All applications for scholarships or pecuniary aid, except for the Cheever Scholarship, must be handed to the Dean on or before May 30 of each year.

Applications for the Cheever Scholarship must be handed to the Dean on or before November 30.

The blank form on which all applications for pecuniary aid must be made can be obtained of the Dean.

FEEES AND EXPENSES.

For matriculation, five dollars; for the first three years, two hundred dollars for each year (if in two payments, at the first, one hundred and twenty dollars; at the second, eighty dollars); for a half-year alone, one hundred and twenty dollars; the fee for the full year to all students entitled to be classified as fourth-year students and who have been regular members of the School for three full years will be one hundred dollars; for graduation, thirty dollars. During the first two years there are the following additional expenses: Two dollars for each of the three parts required for dissection; and four dollars per year for chemical material, in addition to the charge for breakage of glass apparatus. A deposit of fifteen dollars is required to cover these charges for chemical material and breakage. The balance of this deposit is returned at the end of the year. A deposit of two dollars with the Dean will entitle a student to the use of a locker in the School building. A student who wishes to rent a microscope of the School can do so upon payment of three dollars a term. Of students who do not pay in advance, a bond for \$300, executed by two sufficient bondsmen, one of whom must be a citizen of the United States, is required. A copy of such bond will be sent, on application to the Secretary of the Faculty, and all students are recommended to deposit such a bond. To students depositing bonds, term-bills will be pre-

sented one week before the end of the first term, to be paid within two weeks; and also one week or more before Commencement, to be paid on or before the beginning of the next academic year. Such students will be held responsible for the payment of fees until they have notified the Dean of their intention to withdraw from the School, and have subsequently received their bond from the Treasurer.* Whenever a student is obliged to withdraw from the School before the last four weeks of a half-year for no misdemeanor, but for good and sufficient reason, to be determined in all cases by the Faculty, it shall be recommended that he be entitled to a remission of three-fourths of the amount due for that portion of the time during which he receives no instruction—this remission to date from the reception by the Dean of a written notice of the student's withdrawal from the School. No degree can be conferred till all dues to the School are discharged. The student's general expenses may be reduced, in accordance with his means, to the standard which prevails in other cities. The janitor of the Medical School will always have a list of boarding-houses in the vicinity of the School building, varying in their rates of charges from five to ten dollars a week.

COURSES OF STUDY FOR GRADUATES.

The Faculty has arranged a greatly enlarged and improved plan of instruction for graduates, embracing nearly all the branches of practical and scientific medicine. It is designed to supply those opportunities for clinical and laboratory study which have hitherto been sought in Europe by young graduates and practitioners.

The new and extensive laboratories of the School are inferior to none in America, and the clinical advantages afforded by the hospitals of Boston furnish abundant material for all purposes of instruction. The following are the principal institutions:—

Massachusetts General Hospital,	Boston Lying-in Hospital,
Boston City Hospital,	The Children's Hospital,
Boston Dispensary,	McLean Hospital (for the Insane,)
Massachusetts Eye and Ear Infirmary,	Boston Lunatic Hospital,
Free Hospital for Women,	The Carney Hospital.

Instructors in the Medical School are members of the medical and surgical staffs of these institutions, and students are admitted to all of them under their immediate supervision.

Instruction in the graduate courses is entirely distinct from that of the undergraduate department of the School, with but few exceptions;

* The Treasurer's office is at 50 State St., Boston.

but students of the former will be admitted also to all the regular lectures (not clinical) of the latter without extra charge during their connection with the School.

Instruction will be conducted in small classes and under the personal direction of the heads of departments.

Instruction will be given throughout the academic year, October to June.

A certificate of attendance will be furnished when desired.

FEES.

The fees for the separate courses in the several departments vary with the courses.

Fee for two months' attendance upon all the courses,	\$100.
“ “ four months’ “ “ “ “	150.
“ “ attendance throughout the academic year “ “ “	200.

An extra fee is required for the use of material in laboratory, dissecting and operative courses.

All fees are payable in advance to the Secretary of the Medical School.

LIST OF COURSES.

Anatomy.—The following courses are offered :—

1. The Anatomy of the Joints, illustrated by preparations, frozen sections, and the live model.
2. Applied Anatomy demonstrated on the cadaver, including Surface Anatomy.
3. A Dissection Course.
4. Demonstrations in Applied Anatomy.

Histology and Embryology.—The following courses are offered :—

1. A course on Human Embryology.
2. Normal Histology.

Physiology.—Opportunities are offered for carrying on original investigations in the Physiological Laboratory, which is well provided with apparatus for original research.

Medical Chemistry.—Practical instruction is given in the Chemical Laboratory, in physiological chemistry, in the analysis of the urine and other animal fluids in health and disease, and of poisons; examination of blood-stains and other objects connected with medico-legal investigations, with the application of the microscope to these processes.

Pathological Anatomy. — The courses in Pathological Anatomy will consist of —

1. A Practical course in Clinical Microscopy.
2. Demonstrations in Surgical Pathology.
3. The Pathology of the Infectious Diseases.
4. The Pathological Anatomy and Histology of the Nervous System.

Clinical Medicine. — Instruction in Clinical Medicine will consist of courses of from 12 to 20 exercises, which will be fully illustrated by cases at the Massachusetts General and Boston City Hospitals, and at the Boston Dispensary.

Surgery. — Ten courses, including Minor, Clinical, Genito-urinary, and Orthopedic Surgery, are offered at the Massachusetts General, Boston City, and Children's Hospitals.

Obstetrics. — Clinical instruction in Obstetrics will be given in the wards of the Boston Lying-in Hospital on two mornings of the week from November to May. Special attention will be given to the management of convalescence after confinement, and opportunity will be given to witness labor cases and operations in the Hospital. Each course will last two months.

An abundance of out-patient cases of Obstetrics will be furnished.

Practical instruction in Operative Obstetrics consisting of ten daily exercises will be given on the cadaver at the Medical School to classes of not less than four graduates.

Dermatology. — Instruction in Diseases of the Skin will be given at the Skin Department of the Massachusetts General Hospital. Some three thousand cases are treated at this clinic yearly, which come from the New England States generally and the British provinces, and present many examples of rare forms of cutaneous affections.

Each course will last eight weeks, and instruction will be continuous throughout the academic year, from October to May inclusive. Graduates will have opportunity for the closest examination of patients. They may also attend the systematic course of lectures on Dermatology without additional fee. A large collection of Baretta's models of skin disease is open to their inspection in the Museum of the School.

Ophthalmology. — Instruction will be given at the Massachusetts Charitable Eye and Ear Infirmary, the Boston City Hospital, and the Massachusetts General Hospital. The courses will be of eight weeks duration, and mainly clinical.

Otology. — The instruction in this department will be given at the Massachusetts Charitable Eye and Ear Infirmary and at the Boston City Hospital. Each course of eight weeks' duration will include, in addition to the exhibition and explanation of cases, practical instruction in exami-

nation and diagnosis, and a systematic review of the anatomy, physiology and diseases of the ear.

The Infirmary, 176 Charles Street, offers unusual facilities for the study of ear diseases in its very large clinic, more than four thousand aural cases being treated annually. It is fully provided with receiving, operating, and lecture rooms; severe cases and those requiring serious operations being provided with beds in the house and skilled nursing.

At the City Hospital, Harrison Avenue, many of the most important operations on the ear are performed; and in addition its general and contagious wards of more than five hundred beds afford unusual opportunities for studying the aural complications of general diseases, more especially of the exanthemata, as large numbers of cases of typhoid fever, diphtheria, scarlet fever, and measles are received here every year. The courses will consist of twenty-four exercises of one hour or more each.

Gynaecology. — Instruction in Diseases of Women will be given at the Free Hospital for Women and the Boston City Hospital. The wards of the first-named Hospital afford opportunities for the study of the severer forms of uterine disease, while the Out-Patient Department of both institutions supplies abundant material for the education of the touch, and the diagnosis and treatment of all minor gynaecological diseases. There will be six courses of 24 exercises each and others of 15 exercises.

Graduates may also attend the course of lectures at the Medical School.

Provided six or more graduates desire an operative course, in which they may take part in the performance of the various gynaecological operations upon the cadaver, as well as acquire greater familiarity with the instruments used in minor Gynaecology, such instruction will be given from 7 till 9 P.M. each evening during the last two weeks of each of the preceding courses.

Neurology. — Courses of from 12 to 18 lectures each will be given on Diseases of the Nervous System, at the Out-Patient Department of the Massachusetts General Hospital. The material afforded by this clinic, which receives patients from all over New England, is large and of an unusually high quality. The courses will include instruction in the use of electricity in diagnosis and treatment.

Diseases of the Throat and Nose. — Clinical instruction in diagnosis, treatment and in the use of instruments will be given throughout the year, at the Massachusetts General Hospital, the Boston City Hospital and at the Boston Dispensary.

Mental Diseases. — Instruction in Mental Diseases will be given at the McLean Hospital for the Insane in March.

Diseases of Children. — The material which can be made use of in this course is very large in amount, comprising not only the more common forms of disease met with by the physician in his every-day practice, but also the rare forms.

The wards at the City Hospital, built especially for the reception of cases of scarlet fever and diphtheria, offer exceptional advantages for studying the diagnosis and treatment of these diseases.

Legal Medicine. — Instruction in Legal Medicine will be given at the City Hospital. Each course will last eight weeks, and instruction will be continuous throughout the academic year from October to June.

Hygiene. — Practical instruction will be given in the Laboratory at the Medical School in the analysis of air, water, soils, and of articles of food and drink for adulterations. Opportunities will also be afforded for special work. Attention will also be given to the sanitary inspection of houses, public buildings, and premises of offensive trades, and to the investigation of ventilation, plumbing, etc.

Bacteriology. — Two courses to Graduates are given in each year, beginning in October and February respectively, and are especially confined to the study of methods, — but opportunities for original research are given at all times, and it is believed that the facilities and equipment of the laboratory are not surpassed in this country.

The relations of the laboratory are such that any sort of investigation having to do with the infectious diseases may be carried on with advantage.

Those pursuing these courses may elect the studies to which they will give their attention, and allot the time they will devote to each. They will be exempt, unless at their option, from examinations, and may obtain a certificate of attendance on the courses pursued. On payment of the full fee for the year, they will have the privilege of attending any of the other exercises of the Medical School, the use of its laboratories and library, and all other rights accorded by the University.

A series of lectures on special subjects will be given on Thursday evenings from October till May. These lectures are open to all members of the profession.

A graduate of another medical school may obtain the degree of M.D. from this University, after a year's study in the graduates' course and after passing the required examinations, which can be taken at such times as may be agreed upon by the examiners and the graduate student.

For further information and full description of the courses and lectures for graduates, address Dr. WILLIAM L. RICHARDSON, *Dean*, Harvard Medical School, Boylston Street, Boston, Mass.

SUMMER COURSES.

During the summer of 1895 courses in many branches of practical and scientific medicine will be given by some of the teachers of the School. These courses will be clinical in character and will be given at the Hospitals and Dispensaries by the physicians and surgeons on duty. Practical instruction will also be given in several of the Laboratories at the School by the instructors in charge.

A detailed list of the Summer Courses will soon be announced. For further information address Dr. WILLIAM L. RICHARDSON, *Dean*, Harvard Medical School, Boylston Street, Boston, Mass.

BOYLSTON MEDICAL PRIZES.

These prizes, open to public competition, are offered annually for the best dissertations on questions in medical science proposed by the Boylston Medical Committee.

At the annual meeting of 1894 a prize of two hundred dollars was awarded to Dr. Norman Walker, of Edinburgh, Scotland, for an essay entitled *The Histological Varieties of Cutaneous Cancer*.

For 1895 two prizes are offered:—

1. A prize of one hundred and fifty dollars for the best dissertation on *The results of Original Work in Anatomy, Physiology or Pathology*. The subject to be chosen by the writer.

2. A prize of one hundred and fifty dollars for the best dissertation on *The Significance of Quantitative Determinations of the Urinary Constituents in Disease*.

Dissertations on these subjects must be sent post-paid to W. F. WHITNEY, M.D., Harvard Medical School, Boston, Mass., on or before Wednesday, April 3, 1895.

For 1896 two prizes are offered:—

1. A prize of one hundred and fifty dollars for the best dissertation on *The results of Original Work in Anatomy, Physiology, or Pathology*. The subject to be chosen by the writer.

2. A prize of one hundred and fifty dollars for the best dissertation on *The Action of any of the Toxic Ptomaines or Toxalbumins upon the Animal Economy*.

Dissertations on these subjects must be sent to the same address as above on or before Wednesday, April 2, 1896.

In awarding these prizes preference will be given to dissertations which exhibit original work, but if no dissertation is considered worthy of a prize, the award may be withheld.

Each dissertation must bear in place of its author's name some sentence or device and must be accompanied by a sealed packet bearing the same sentence or device and containing within the author's name and residence. *Any clue by which the authorship of a dissertation is made known to the committee will debar such dissertation from competition.*

BOYLSTON MEDICAL PRIZES.

Dissertations must be written in a distinct and plain hand, and their pages must be bound in book form.

All unsuccessful dissertations are deposited with the Secretary, from whom they may be obtained, with the sealed packet unopened, if called for within one year after they have been received.

By an order adopted in 1826, the Secretary was directed to publish annually the following votes:—

1. That the Board do not consider themselves as approving the doctrines contained in any of the dissertations to which premiums may be adjudged.

2. That in case of publication of a successful dissertation, the author be considered as bound to print the above vote in connection therewith.

The Boylston Medical Committee is appointed by the President and Fellows, and consists of the following physicians: ROBERT T. EDES, M.D., *President*, SAMUEL G. WEBBER, M.D., H. P. BOWDITCH, M.D., FRANK W. DRAPER, M.D., J. COLLINS WARREN, M.D., EDWARD S. WOOD, M.D., WILLIAM F. WHITNEY, M.D., *Secretary*, F. H. WILLIAMS, M.D.

The address of the *Secretary* is WILLIAM F. WHITNEY, M.D., Harvard Medical School, Boston, Mass.

THE DENTAL SCHOOL.

BOSTON.

FACULTY.

CHARLES W. ELIOT, LL.D., *President.*

THOMAS H. CHANDLER, D.M.D., *Dean, and Professor of Mechanical Dentistry.*

HENRY P. BOWDITCH, M.D., *Professor of Physiology.*

J. COLLINS WARREN, M.D., *Professor of Surgery.*

THOMAS DWIGHT, M.D., LL.D., *Professor of Anatomy.*

THOMAS FILLEBROWN, M.D., D.M.D., *Professor of Operative Dentistry.*

CHARLES A. BRACKETT, D.M.D., *Professor of Dental Pathology.*

WILLIAM B. HILLS, M.D., *Associate Professor of Chemistry.*

EUGENE H. SMITH, D.M.D., *Instructor in Orthodontia.*

CHARLES S. MINOT, M.D., *Professor of Histology.*

MAURICE H. RICHARDSON, M.D., *Assistant Professor of Anatomy.*

EDWARD C. BRIGGS, M.D., D.M.D., *Assistant Professor of Materia Medica and Therapeutics.*

HAROLD C. ERNST, M.D., *Assistant Professor of Bacteriology.*

JERE E. STANTON, M.D., D.M.D., *Instructor in Oral Anatomy and Physiology and in Bacteriology.*

WILLIAM P. COOKE, D.M.D., *Instructor in Crown and Bridge Work.*

FRANKLIN DEXTER, M.D., *Demonstrator of Anatomy.*

OTHER INSTRUCTORS.

EZRA F. TAFT, D.M.D., *Instructor in Operative Dentistry.*

FOREST G. EDDY, D.M.D., *Instructor in Operative Dentistry.*

GEORGE H. MONKS, M.D., *Instructor in Surgical Pathology.*

GEORGE L. WALTON, M.D., *Instructor in Neurology.*

WILLIAM H. POTTER, D.M.D., *Clinical Lecturer in Operative Dentistry.*

DWIGHT M. CLAPP, D.M.D., *Clinical Lecturer in Operative Dentistry.*

EDWIN C. BLAISDELL, D.M.D., *Instructor in Operative Dentistry.*

HENRY W. GILLETT, D.M.D., *Instructor in Operative Dentistry.*

WALDO E. BOARDMAN, D.M.D., *Instructor in Operative Dentistry, and Curator of Museum.*

FREDERICK BRADLEY, D.M.D., *Instructor in Operative Dentistry.*
 HENRY L. UPHAM, D.M.D., *Instructor in Operative Dentistry.*
 ARTHUR H. STODDARD, D.M.D., *Instructor in Mechanical Dentistry.*
 ELLIS P. HOLMES, D.M.D., *Instructor in Operative Dentistry.*
 CHARLES M. KEEP, M.D., D.M.D., *Instructor in Operative Dentistry.*
 FREDERIC S. HOPKINS, D.M.D., *Instructor in Operative Dentistry.*
 PATRICK W. MORIARTY, D.M.D., *Demonstrator of Mechanical Dentistry.*
 ARTHUR J. OLDHAM, D.M.D., *Instructor in Mechanical Dentistry.*
 HARRY O. BIXBY, D.M.D., *Instructor in Mechanical Dentistry.*
 ARTHUR W. ELDRED, D.M.D., *Instructor in Mechanical Dentistry.*
 CHARLES E. PERKINS, D.M.D., *Instructor in Operative Dentistry.*
 FRANK T. TAYLOR, D.M.D., *Instructor in Operative Dentistry.*
 JOSEPH T. PAUL, D.M.D., *Demonstrator of Operative Dentistry.*
 FRED H. WOODCOCK, D.M.D., *Instructor in Mechanical Dentistry.*
 HARRY S. PARSONS, D.M.D., *Instructor in Mechanical Dentistry.*

STANDING COMMITTEES.

Executive Committee—Dean, Drs. Fillebrown, Brackett, Smith, Briggs, Stanton.

Admission Examination—Dean, Drs. Brackett, Stanton.

Building—Drs. Fillebrown, Bowditch, Smith.

Advertising and Catalogue—Dean, Drs. Fillebrown, Smith.

Courses of Study—Dean, Drs. Brackett, Stanton.

Museum—Drs. Fillebrown, Smith.

STUDENTS.

THIRD YEAR.

NAME.	RESIDENCE.	PRESENT ADDRESS.*
Arvedson, Ernst Sixten,	<i>Linköping, Sweden,</i>	74 Boylston St.
Barnard, Francis Homer,	<i>Duluth, Minn.</i>	Brookline. [Allston.
Barrows, Edward Doane,	<i>West Hampden, Me.</i>	69 Franklin St.,
Bartlett, Robert Lander,	<i>Lynn,</i>	Lynn.
Carr, Clarence Augustus, A.M.		[Somerville.
(Brown) 1890,	<i>Newport, R. I.</i>	48A Oliver St.,
Coleman, Walter Strout,	<i>Deering, Me.</i>	50 Chambers St.
Dickinson, Dwight Ward,	<i>Amherst,</i>	690 Tremont St.
Edgelow, Percy,	<i>London,</i>	50 Bowdoin St.
Furfey, James Austin,	<i>Beverley,</i>	Beverley.

* Addresses are in Boston, unless stated to be elsewhere.

Horne, Robert Gilkey,	<i>Watertown,</i>	Watertown.
Littig, Marquis,	<i>Davenport, Ia.</i>	18 Hancock St.
Meador, Frederick Everett,	<i>Wolfeboro, N. H.</i>	1 Sunderland St., Roxbury.
Milliken, Richard Dyer,	<i>Saco, Me.</i>	55 Clarendon St.
Moffatt, Robert Tucker,	<i>Boston,</i>	164 Newbury St.
O'Brien, Henry Clinton,	<i>Boston,</i>	76 Com'nwealth Av.
O'Connor, Patrick Henry,	<i>Marysville, Cal.</i>	18 Hancock St.
Rice, Francis Wheeler,	<i>Portland, Me.</i>	Ashland.
Schenermann, Leopold,	<i>Berlin,</i>	86 Charles St.
Smith, Murdoch Campbell,	<i>Lynn,</i>	40 High Park Ave., Lynn.
Sweet, Walter Irving,	<i>Providence, R. I.</i>	157 Warren Ave.

SECOND YEAR.

Allen, Fred Wilde,	<i>Braintree,</i>	Braintree.
Bienemann, Edgar Caspar,	<i>Brighton, Eng.</i>	5 Columbus Sq.
Chase, Asher Harriman St. Clair,	<i>Everett,</i>	10 Dean St., Everett.
Chute, Ernest Howard,	<i>Dedham,</i>	Dedham.
Cross, Harold DeWitt,	<i>Nashua, N. H.</i>	Nashua, N. H.
Emery, John Walter,	<i>W. Medford,</i>	W. Medford.
Farrington, Edwin Linwood,	<i>Lowell,</i>	Lowell.
Fernald, Adelbert,	<i>Jackson, N. H.</i>	6 St. Botolph St.
Gilbert Guy Webster,	<i>Andover,</i>	Andover.
Gilman, Harry Sargent,	<i>Manchester,</i>	17 Pinckney St.
Hardy, Harvey Winchester,	<i>Natick,</i>	15 Bowdoin St.
Haynes, Harry Morrill,	<i>Portland, Me.</i>	241 Columbus Ave.
McMeekin, Robert John,	<i>Boston,</i>	Boston Art Club.
Martin, James Francis,	<i>Springfield,</i>	39 Malden St.
Matthews, Edward Wakefield,	<i>Yarmouth,</i>	192 W. Canton St.
Monroe, Charles Everett,	<i>Norfolk Downs,</i>	Norfolk Downs.
Moore, William Everett,	<i>Taunton,</i>	Taunton.
Page, Ernest Hosea,	<i>Berkshire,</i>	112 Dartmouth St.
Ross, Thomas Kennedy,	<i>Everett,</i>	Everett.
York, Charles Frederick,	<i>Rockport,</i>	Rockport.

FIRST YEAR.

Barnard, Frank Pliny,	<i>Oxford,</i>	119 Warren Ave.
Berry, Charles William, B.S.		
(<i>Dartmouth</i>),	<i>Dover, N. H.</i>	483 Mass. Ave.
Blake, Ralph Vincent,	<i>New Bedford;</i>	Waltham.

Brown, Clifton Gustavus,	<i>Stoughton,</i>	Stoughton.
Collins, Timothy Francis,	<i>So. Boston,</i>	So. Boston.
Coxeter, John Sibley,	<i>Newtonville,</i>	Newtonville.
Currier, Horrace,	<i>Boston,</i>	158 Huntington Ave.
Davis, Robert Irving,	<i>Chelsea,</i>	Chelsea.
Davis, Walter Sheldon,	<i>Worcester,</i>	Braintree. [town.
Dickinson, John Dana,	<i>Watertown,</i>	9 Winter St., Water-
Duckering, William West,	<i>Roxbury,</i>	89 Fort Ave.,
		Roxbury.
Fallon, William Edward,	<i>Charlestown,</i>	37 Winthrop St.,
		Charlestown.
Faunce, Walter Joseph,	<i>Jamaica Plain,</i>	Jamaica Plain.
Fitzgerald, Terence Richard,	<i>Dorchester,</i>	Dorchester.
Forrest, George Lincoln,	<i>Holbrook,</i>	Holbrook.
Furlong, Paul Ritson,	<i>W. Chelmsford,</i>	478 Columbus Ave.
Garfield, Roy Mason,	<i>Worcester,</i>	Worcester.
Gordon, Charles Sumner,	<i>Worcester,</i>	231 W. Newton St.
Greenwood, George True,	<i>Fitchbury,</i>	4 Bradford St.
Henry, Edward Everett,	<i>Wellesley Hills,</i>	Wellesley Hills.
Hunt, Ralph Solon,	<i>Orange,</i>	866 Columbus Ave.
Kent, Edward Allen,	<i>W. Medway,</i>	7 Brookside Ave.,
		Jamaica Plain.
Kenney, Arland Martin,	<i>Dorchester,</i>	Glen Road,
		Dorchester.
Lakin, Charles Ansel,	<i>Worcester,</i>	Stoughton Hall,
		Cambridge.
Lee, Thomas Jefferson,	<i>Brighton,</i>	Brighton.
Lunan, William,	<i>Andover,</i>	231 W. Newton St.
McMahon, Thomas Richard,	<i>Charlestown,</i>	51 Allston St.,
		Charlestown.
Mooney, Joseph Thomas,	<i>Boston,</i>	11 James St.
Morris, John Joseph,	<i>E. Boston,</i>	93 Trenton St., E.
		Boston.
Owen, James Martin,	<i>Boston,</i>	109 Chandler St.
Parkhurst, Charles Erwin,	<i>Somerville,</i>	79 Walnut St.,
		Somerville.
Rafferty, John Henry,	<i>Somerville,</i>	Somerville Ave.,
		Somerville.
Reuterswärd, Oscar,	<i>Boston,</i>	419 Mass. Ave.
Shrieves, Edwin Bennett,	<i>Wilmington, O.</i>	159 W. Canton St.
Vaughan, Clarence Bartlett,	<i>Boston,</i>	231 W. Newton St.
Veo, Frank Hosea,	<i>Newtonville,</i>	Hotel Pelham.
Warren, George Alfred,	<i>Newton Highlands,</i>	Newton Highlands.

White, Walter Harris,	<i>Malden,</i>	11 Perkins Ave., Malden.
Williams, Ernest Blake,	<i>Malden,</i>	11 Perkins Ave., Malden.
Woodman, Herbert Clarence,	<i>Boston,</i>	20 Copley St.

SUMMARY.

THIRD YEAR STUDENTS	20
SECOND YEAR STUDENTS	20
FIRST YEAR STUDENTS	40
	—
TOTAL	80

THE DENTAL SCHOOL.

The Dental Department of the University is established in **Boston**.

Instruction in this School is given throughout the academic year, by lectures, recitations, clinical teaching, and practical exercises, uniformly distributed. The year begins on the Thursday following the last Wednesday in September, and ends on the last Wednesday in June. There is a recess beginning December 23, and ending January 2; and a spring recess of one week beginning on the Sunday next preceding the 19th of April, or on Sunday the 19th of April when that day falls on Sunday, and ending on the following Saturday, both days inclusive. The course of instruction is progressive, and extends over three years, the teaching of one year not being repeated in the next.

The studies of the first year are Anatomy, Physiology, Chemistry, Histology, and Bacteriology, in connection with the classes in these subjects of the Harvard Medical School, the student receiving the same instruction by the same professors at the same time and place with the medical students and at the end of the year passing with them the same examinations.

It is the object of the Faculty to present a complete course of instruction in the theory and practice of Dentistry; and for this purpose a well-appointed laboratory and infirmary are provided, and such arrangements made as insure an ample supply of patients. Clinical instruction is given by the professors and other instructors; and, under the direction of demonstrators, patients are assigned to the students, insuring to all opportunity of operating at the chair, and becoming by actual practice familiar with all the operations demanded of the dentist.

The Infirmary remains open, and one of the Clinical Instructors and the Demonstrator are in attendance, daily, throughout the academic year, offering to students unsurpassed facilities for acquiring practical knowledge and manipulative dexterity.

Students have access to the hospitals of the city; to the dissecting-room and museum of the Medical School; and also, *without additional charge, to the instruction and examinations given in any other department of the University, with the exception of exercises carried on in the special laboratories.*

REQUIREMENTS FOR ADMISSION.

All candidates for admission, except those who have passed an examination for admission to Harvard College, or the Lawrence Scientific School, must present a degree in Letters, Science, or Medicine, from a recognized college or scientific school, or pass an examination in the following subjects :

1. **ENGLISH.** Every candidate will be required to write, legibly and correctly, an English composition of not less than two hundred words, and also to write English prose from dictation.

2. **PHYSICS.** A competent knowledge of Physics (such as may be obtained from Balfour Stewart's Elements of Physics) or any other High School Physics.

ELECTIVE SUBJECTS. Each candidate for admission must also pass an examination in *one* of the following subjects: Latin, French, German, the Elements of Algebra, or Plane Geometry.

Students may be admitted to advanced standing upon passing a satisfactory examination in a *majority* of the studies already pursued by the class, but before taking the degree examinations in *all* the studies must have been satisfactorily passed.

Graduates of recognized Dental Schools will be admitted without examination to the courses of Operative and Mechanical Dentistry, but attendance on such courses does not entitle to examination for the degree nor to a certificate of attendance.

The examinations for admission are conducted in writing. In judging the work of the candidate, the spelling, grammar and construction are considered.

The examination for admission is held at the Dental School in North Grove St., Boston, on the Monday preceding the last Wednesday in September, beginning at 10 A.M.

No person will be examined for admission at any other than the regularly appointed time.

The entrance and first-year examinations will be allowed to foreign students who have passed *equivalent* examinations abroad, upon presentation of proper certificates from the examining boards vouching for the facts.

All persons intending to take the entrance examination must send their names to the Dean for registry at least two weeks previous to the day on which the examination is to take place.

COURSE OF INSTRUCTION.

The following are the methods of study adopted in the various departments:—

For the First Year.—Anatomy-dissection, physiology, histology and embryology; general chemistry, hygiene, medical chemistry, and bacteriology.

For the Second Year.—Oral pathology, operative dentistry, mechanical dentistry; general and dental materia medica and therapeutics; oral anatomy and physiology, bacteriology, and surgical pathology; practical work every forenoon in the mechanical laboratory and every afternoon in the operative infirmary, and crown and bridge work.

For the Third Year.—Operative dentistry, mechanical dentistry, orthodontia, neurology, practical work in operative infirmary and mechanical laboratory.

INSTRUCTION FOR 1894-95.

Anatomy.

Descriptive Anatomy. *Four times a week.* Professor DWIGHT.

Practical Anatomy, with Exercises in Dissection. *Eight hours daily from October 15 till May.* Demonstrations and recitations. Drs. DEXTER, COHANT, MUNRO, BROOKS, C. A. PORTER, and TENNEY.

Physiology

Systematic and Experimental Physiology. *Four times a week during first half-year. Five times a week during second half-year.* Professors BOWDITCH and W. T. PORTER.

Laboratory Exercises in Experimental Physiology. *Four times a week in sections.* Dr. DAVIS.

Chemistry.

Descriptive and Analytical Chemistry. *Twice a week, during first half-year.* Professor HILLS.

Medical Chemistry. *Twice a week during second half-year.* Professor HILLS.

Practical Exercises in the Laboratory in Analytical and Medical Chemistry. *Daily.* Professor HILLS, Drs. WORCESTER and OGDEN.

Histology and Embryology.

Lectures. *Twice a week during the first term, once a week during the second term.* Professor MINOT.

Laboratory Exercises. *Two hours a week.* Professor MINOT and Dr. AMES.

Bacteriology. *Once a week during second half-year.* Asst. Professor ERNST.

Operative Dentistry.

Lectures. *Once a week.* Professor FILLEBROWN.

Clinical Lectures. *Once a week for ten weeks.* Drs. CLAPP and POTTER.

Practical Work. *First year, six hours a week for half-year; second and third years, fifteen hours a week throughout the second and third year.*

Mechanical Dentistry.

Lectures. *Once a week.* Professor CHANDLER.

Practical Work. *Eighteen hours a week throughout the second and third year.*

Surgery.

Surgery. Lectures. *Once a week for one month.* Professor WARREN.

Operative Surgery.

Operations are performed before the students one day each week throughout the year in the Amphitheatres at the Massachusetts General Hospital and Boston City Hospital.

Operative Surgery and Surgical Anatomy. *Exercises illustrated upon the cadaver twice a week in March and April.* Professor C. B. PORTER.

The Surgical Cases at the Eye and Ear Infirmary and at the Boston Dispensary are shown by the surgeons in charge.

Dental Pathology.

Lectures. *Once a week.* Professor BRACKETT.

Oral Anatomy and Physiology.

Lectures and Demonstrations. *Once a week.* Dr. STANTON.

Surgical Pathology.

Lectures. *Once a week for ten weeks.* Dr. MONKS.

Materia Medica.

Lectures. *Once a week.* Asst. Professor E. C. BRIGGS.

Orthodontia.

Lectures and Demonstrations. *Once a week.* Dr. SMITH.

Neurology.

Lectures. *Once a week for six weeks.* Dr. WALTON.

Crown and Bridge Work.

Lectures and Demonstrations. *Once a week for one term.* Dr. COOKE.

METHODS OF INSTRUCTION.

Anatomy. — Lectures, demonstrations, various practical exercises, including dissection under the direction of the Demonstrator; recitations.

Physiology. — Lectures, recitations, conferences, and practical demonstrations. Opportunities for work in the physiological laboratory of the new Medical School are offered to students who are qualified to carry on original investigations.

Chemistry is taught mainly by practical work in the laboratory, each student having his own desk and apparatus. Descriptive chemistry and qualitative analysis are taught during the first half of the first year. Besides the laboratory work, there are two lectures every week. In the second half of the first year dental chemistry is taught by lectures, recitations, and exercises in the laboratory, where each student will be taught the chemistry and microscopy of the urine and the tests for the important poisons.

Surgery. — Lectures and recitations in oral surgery illustrated by colored drawings and by recent and morbid specimens. All approved instruments and apparatus are exhibited and explained. Operations are performed on the living subject at the hospitals, and upon the dead body. Instruction is given in the use of anaesthetics.

Instruction in clinical surgery is given at the Massachusetts General Hospital and City Hospital every week.

Histology and Embryology. — Lectures and special laboratory exercises for practical instruction in general histology, and upon the structure and development of the teeth and mouth parts.

Bacteriology. — Lectures and practical work in laboratory.

Operative Dentistry. — The instruction in this department is both didactic and practical. The Professor and other Instructors endeavor to demonstrate all known methods of performing operations upon the teeth and other tissues involved.

The treatment of decay, the materials used for filling teeth, the most approved instruments and appliances used in operating upon the teeth, are appropriately discussed. Clinics are held at the Infirmary, and every available means used to make the student practically acquainted with all the modern improvements of this important branch of dental science; but no student will be permitted to operate at the chair until he has by observation and practice on extracted teeth satisfied the Professor of his fitness.

Oral Anatomy and Physiology. — Lectures and recitations upon the minute anatomy of the teeth and their histological development, and the surgical pathology of the tissues in and about the mouth. A part of this course will be devoted to the study of bacteria. Material is furnished for the examination of the tissues in a healthy and diseased condition, with instruction in its preparation.

Dental Pathology. — In the beginning of the course of lectures the general principles of pathology, including etiology, nosology, semeiology, diagnosis, and prognosis are outlined. The various pathological conditions in their relations to one another and their modifications of structure and function are taught. This prepares the way for the special pathology of the region with which the dentist has most to do. The diseases of the dental and contiguous tissues are considered in detail, with reference to their nature, causes, manifestations and terminations, and their relations with systemic conditions.

Surgical Pathology. — Lectures and recitations embracing the subjects of shock, inflammation, repair, suppuration, ulceration, mortification, embolism, pyaemia, erysipelas, and tetanus.

Materia Medica and Therapeutics. — Lectures, recitations, and demonstrations of crude drugs and their preparations. This is a complete course, as taught in the medical school to medical students. Remedies are classified, however, to meet the special requirements of the dental practitioner, and the student is particularly instructed upon those remedies which, as a specialist, he will be called upon most to use.

Mechanical Dentistry. — Lectures and practical work in the laboratory; the manner in which mineral teeth are constructed, the principles and method of carving and furnace-work, and all compounds used for artificial teeth; also metallurgy, and the manner in which gold and silver plates are prepared and adapted to the mouth; the use of rubber and other articles as bases. It is the aim to teach not only the mere mechani-

cal processes of dentistry, but that combination of art with mechanism which enables the practitioner to effect so much in restoring the symmetry of the face and usefulness of the teeth, where they have been lost or impaired by accident or disease.

Orthodontia is taught by lectures and by practical work in the infirmary. Models of cases are shown, and students are made familiar with the principles underlying the irregularities and the various appliances for their correction.

Neurology. — A course of six lectures on neurology will include a brief review of the anatomy and physiology of the nervous system, the anatomy of the trifacial nerve being made the subject of special study.

The nervous disturbances liable to be set up by dental irritation, and, conversely, those likely to produce odontalgia, will be considered as fully as the limited nature of the course permits, special attention being paid to trifacial neuralgia.

Clinical Lectures on Operative Dentistry. — These exercises include operations on patients, demonstrations and exhibition of models, showing the individual methods of the lecturers with descriptions and explanations.

TEXT-BOOKS.

The following works are recommended as text-books, and for collateral reading and consultation : —

Anatomy.

Text-Books. — Gray (11th edition). Quain (10th edition). Wilson, Holden's Landmarks. Dwight's Frozen sections of a Child. Treves' Applied Anatomy.

Collateral Reading. — Harrison Allen's Anatomy. Tillaux, Anatomie Topographique. Holden's Osteology. Humphry's Human Skeleton. Morris, on the Joints. Weisse's Practical Human Anatomy. McClellan's Regional Anatomy.

Histology and Embryology.

Text-books. — Stöhr's Lehrbuch der Histologie, or Schaefer's Essentials of Histology.

Collateral Reading. — Quain's Anatomy (10th edition). Lee's microscopist's Vade-mecum, Schiefferdecker and Kossel's Gewebelehre. Minot's Human Embryology. Foster and Balfour's Embryology.

Physiology.

Text-Books. — Foster's Text-book of Physiology. Martin, The Human Body. Kirke's Handbook of Physiology. Waller, Human Physiology.

Collateral Reading. — Fick, Compendium der Physiologie. Halliburton's Text-book of Chemical Physiology and Pathology. McGregor-Robertson's Elements of Physiological Physics. Landois' Manual of Human Physiology. Stirling's Practical Physiology.

General Chemistry.

Text-Books. — Witthaus' Medical Student's Manual of Chemistry.

Collateral Reading. — Miller's, Roscoe and Schorlemmer's, or Fownes' Chemistry. Douglass and Prescott's, or Fresenius' Qualitative Analysis.

Medical Chemistry.

Text-Books. — Tyson, Practical Examination of Urine. Wharton and Stillé's Medical Jurisprudence, Vol. II., on Poisons, 4th edition.

Collateral Reading. — Ultzmann and Hoffmann's Atlas der Harnsedimente. Roberts' Urinary and Renal Diseases. Neubauer and Vogel, Analysis of the Urine. Hoppe-Seyler, Physiologische Chemie. Taylor on Poisons. Wormley's Micro-Chemistry of Poisons.

Dental Chemistry.

Text-Book. — Mitchell's Dental Chemistry.

Surgery.

Text-Books. — An American Text-Book of Surgery. Holmes's System of Surgery. Treves' Manual of Operative Surgery. Garretson's Oral Surgery.

Materia Medica and Therapeutics.

Edes' Materia Medica and Therapeutics. Potter's Materia Medica. Bartholow's Hypodermatic Medication.

Dental Pathology.

Magitot's Dental Caries.

Surgical Pathology.

Billroth's Surgical Pathology.

Oral Anatomy and Physiology.

Black's Dental Anatomy. Tomes' Dental Surgery. Miller's Microorganisms of the Human Mouth.

Orthodontia.

Farrar's Irregularities of the Teeth. Talbot's Irregularities. Guilford's Orthodontia.

Operative Dentistry.

Fillebrown's Operative Dentistry. Taft's Operative Dentistry. American System of Dentistry.

Mechanical Dentistry.

Richardson's Mechanical Dentistry. Kingley's Oral Deformities. Harris' Principles and Practice.

Crown and Bridge Work.

Evans.

Anaesthesia.

Anstie's Stimulants and Narcotics. Turnbull's Anaesthetic Manual.

CLINICAL ADVANTAGES.

The Dental Department of the University is established in Boston, in order to secure those advantages for Clinical Instruction which are found only in large cities.

The clinics of the Dental Hospital afford a sufficient number of patients to give every student abundant practice in all branches of dentistry throughout the year. During the year 1898-94 over 5500 patients were treated for various dental lesions and over 18,000 operations were performed.

Each student is assigned a chair, and is expected to improve his opportunity and operate three hours every day, five days in the week, giving each student during each year 480 hours of practice in operative dentistry.

In the mechanical department the student gives three hours a day for six days each week, giving 576 hours' practice each year.

The Museum contains over 3000 specimens, and offers unusual facilities for study of the teeth. The pathological anatomy of the teeth is shown by more than 1600 specimens, among which are over two hundred dissected teeth showing formations of secondary dentine in the pulp cavity, and also many other rare specimens of great value.

There are 600 other specimens of human and comparative anatomy, illustrating a wide range of knowledge.

There are Hospital visits or operations daily.

The Massachusetts General Hospital. — During the past year, 8409 patients were treated in the wards, and 25,819 in the out-patient departments. Patients are received from all parts of the United States and the Provinces, and are visited by the students, with the attending physicians and surgeons, on four days in the week. Operations are numerous, and are performed in the amphitheatre, which is provided

with seats for 400 persons. Clinics in the following special branches have been established in connection with the out-patient department: Dermatology, Laryngology, Diseases of the Nervous System, and Ophthalmology.

The City Hospital.—During the past year, 7910 cases were treated in its wards, and 15,560 in its various out-patient departments. The medical wards always contain many cases of acute diseases, and changes are taking place constantly. The opportunities for seeing fractures, injuries, and traumatic cases of all kinds are excellent, since, on an average, 800 street accidents are yearly treated. Surgical operations are performed in the amphitheatre. Diseases of the eye, the ear, and the skin are largely treated in the out-patient department. Clinical instruction is given by the physicians and surgeons twice a week.

In these two hospitals, the facilities for witnessing Operative Surgery are unsurpassed. Twice a week operations are performed in the presence of the class. The number of these operations is large, reaching nearly two thousand a year. The variety is great, embracing every surgical disease and injury, including the surgical operations on the eye and ear.

The Boston Dispensary.—42,116 patients were treated at this Public Charity during the past year. A new building has lately been erected at a cost of \$50,000, where students have ample and excellent opportunity for seeing practical work in the diagnosis and treatment of cases illustrating the various branches of medicine and surgery.

The Massachusetts Charitable Eye and Ear Infirmary.—The fourteen thousand patients annually treated at this institution present every variety of disease of the ear and eye, and supply a large number of operations.

The Marine Hospital at Chelsea receives from the shipping of the port a large number of patients, who furnish examples of the diseases of foreign countries and of distant parts of the United States. Many cases of venereal disease, in its various forms, are treated annually.

LIBRARIES.

The College Library at Cambridge is open to students and also the library of the Boston Medical Library Association which has a dental section containing a large and very complete collection of dental literature.

The Boston Public Library is open to students who are inhabitants of Boston. Students who are not inhabitants of Boston, who have filed bonds at the Treasurer's office, or deposited with the treasurer the sum of fifty dollars, may also use this Library.

EXAMINATIONS.

The regular examinations, conducted in writing and orally, are held at the end of each year in June and in September in the following order, viz:—

At the end of the first year in the studies of that year,—anatomy, two hours, including dissection; physiology, three hours; chemistry, three hours; histology, one hour; and bacteriology, one hour. A certificate from the Demonstrator of Anatomy will be required of each student that he has satisfactorily performed the required dissections.

At the end of the second year in the studies of that year,—dental pathology, two hours; materia medica and therapeutics, two hours; oral anatomy, three hours; physiology and bacteriology, two hours; surgical pathology, three hours.

At the end of the third year in operative dentistry, two hours; mechanical dentistry, three hours; and in orthodontia, one hour. These examinations will include actual operations performed during the course, and the preparation of specimens of mechanical dentistry.

Students shall not be entitled to enter the third year class in practical operative dentistry, until they are able to properly cleanse teeth, properly excavate and form cavities for filling and manipulate plastic fillings, and have made reasonable proficiency in treating pulps and pulp canals.

Applicants for advanced standing must pass all the examinations of the years which they desire to omit, or furnish proof that they have passed equivalent examinations. Examinations for advanced standing are held in September only.

No student will be allowed to anticipate the examinations in the regular course of studies of his year, except by special permission of the Faculty.

Those who fail in any subject may present themselves in that subject again at the next regular examination. The regular examinations for the year 1894-95 will begin June 8 and September 23, 1895.

DIVISION OF STUDENTS.

Students are divided into three classes according to their lines of study and proficiency, and during their last year will receive largely increased opportunities of clinical instruction and practice in the practical work of operations on the natural teeth and mouth.

In order that the time of study shall count as a full year, students of all classes must present themselves within the first month of the School year and register their names with the Dean.

REQUIREMENTS FOR THE DEGREE.

The degree of Doctor of Dental Medicine (*Dentariæ Medicinæ Doctor*) may be conferred upon any candidate of adult age, and of good moral character, who has passed *all the required examinations*, and convinced the Professors and Instructors of Operative and Mechanical Dentistry of his ability to meet satisfactorily the requirements of his art. He must also give evidence of having studied medicine or dentistry three full years, the last continuous year of which must have been spent at this School.

He must also deposit with the Dean, to be placed in the Museum of the School, a specimen of mechanical dentistry, or of practical or pathological anatomy, prepared during the course under the eye of the instructor.

No student may advance with his class until he has passed a satisfactory examination in a majority of the studies already pursued by his class.

The course is a graded one of three continuous years. *Graduates* from other reputable dental schools will be permitted to enter the Senior class after passing the required examinations, or without examination, by special vote of the Faculty.

INSTRUMENTS.

With the exception of extracting instruments, lathes, and vulcanizers, each student will be required to furnish his own instruments, and appliances for both laboratory and operating room.

FEES AND EXPENSES.

There are no fees for matriculation, for the diploma, or for the demonstrators. For the first year a student is a member of the School, the fee is \$200, in two payments of \$120 and \$80, at the beginning of each term; for the second year, \$150, in two payments of \$100 and \$50, payable at the beginning of each term; for any subsequent year, \$50, payable at the beginning of the year.

Students who do not file a bond are required to deposit \$15 to cover breakages, &c. in the Chemical Laboratory; also a deposit of \$6 for parts for dissection. The unused balance is returned at the end of the year.

Graduates of recognized Dental Schools will be admitted to the courses of Operative and Mechanical Dentistry for the whole or any portion of the academic year on payment of fifty dollars for each course. By attending these courses the student does not become a candidate for the degree nor is he entitled to a certificate of attendance.

Of students *who do not pay in advance*, a bond for \$300 executed by two sufficient bondsmen, one of whom must be a citizen of the United States, is required. A copy of such bond will be sent, on application to the

Treasurer of the University. The bond of the "American Surety Company," if made in a form satisfactory to the Treasurer of the University, will also be accepted. To students depositing these bonds, term-bills will be presented a week before the end of the first term, to be paid within two weeks; and also one week or more before Commencement, to be paid on or before the beginning of the next academic year. Such students will be held responsible for the payment of fees until they shall have notified the Dean of their intention to withdraw from the School, and have received their bond from the Treasurer. *No degree can be conferred till all dues to the School are discharged.*

Whenever a student is obliged to withdraw from the School before the last four weeks of a half-year for no misdemeanor, but for good and sufficient reason, to be determined in all cases by the Faculty, it shall be recommended that he be entitled to a remission of three-fourths of the amount due for that portion of the time during which he receives no instruction — this remission to date from the reception by the Dean of a written notice of the student's withdrawal from the School.

The student's expenses may be reduced, in accordance with his means, to the standard which prevails in other cities. The Janitor of the Medical School keeps a list of boarding-houses in which the charges are from five dollars per week upwards, according to accommodation furnished.

Students, on joining the School, and at the beginning of each School year, must enter their names with the Dean of the Faculty.

For further information address THOS. H. CHANDLER, *Dean*, 161 Newbury St., Back Bay, Boston, Mass.

The following Tabular View illustrates the distribution of studies throughout the year.

First Class.

MEDICAL SCHOOL, BOYLSTON ST.

	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.
9	Anatomy, L. Prof. Dwight. Lect.-room C.	Anatomy, L. Prof. Dwight. Lect.-room C.	¹ Anatomy, L. Prof. Dwight. Lect.-room C.	¹ Anatomy, L. Prof. Dwight. Lect.-room C. ² Physiol. C. Lect.-room A.	Anatomy, R. Dr. Munro. Lect.-rooms C and D.	
10	¹ Hygiene, L. Dr. Harrington.	Laboratory.	¹ Histology. L. Prof. Minot.	Laboratory.	¹ Histology. L. Prof. Minot.	Physiol., R. Prof. Bowditch. Lect.-rm. A.
11	Physiology. L. Prof. Bowditch. Lect.-room A.		Physiology. L. Prof. Bowditch. Lect.-room A.		Physiology. L. Prof. Bowditch. Lect.-room A.	Histol. Laborat. Prof. Minot and Dr. Quincy.
12	² Laboratory.	Chemistry, L. Prof. Mills. Lect.-room A.		Chemistry, L. Prof. Mills. Lect.-room A.		² Laboratory.
2		Physiology. Dem. Lect.-room A.		² Laboratory.		² Laboratory.
3	¹ Bacteriology L. Asst. Prof. Ernst. Lect.-room A.		{ ² Dr. Up- ham. Practical Dentistry. Dtl. Hosp. No. Grove St.}		{ ² Dr. Taylor. Practical Dentistry. Dtl. Hosp. N. Grove St.}	
4	Laboratory.					
5	² Anatomy. Dem. Dr. Dexter. Lect.-room D. Pract. Anat. Asst. Prof. M. H. Richardson. Lect.-room C.	² Anatomy. Dem. Dr. Dexter. Lect.-room D.	² Anatomy. Dem. Dr. Dexter. Lect.-room D. Pract. Anat. Asst. Prof. M. H. Richardson. Lect.-room C.	² Anatomy. Dem. Dr. Dexter. Lect.-room D.	² Anatomy. Dem. Dr. Dexter. Lect.-room D. Pract. Anat. Asst. Prof. M. H. Richardson. Lect.-room C.	

¹ First half-year only.

² Second half-year only.

³ In sections.

^{*} Anatomy, Chemistry, and Physiology.

L. Lecture.

R. Recitation.

C. Conference.

Dem. Demonstration.

The studies of the first year are pursued at the Medical School, corner Boylston and Exeter Streets.

Second Class.

DENTAL HOSPITAL, NORTH GROVE ST.

	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.
9	* Crown and Bridge work. Clin. Lect. or Dem.	Mat. Medica. and Thera., L. Asst. Prof. Briggs. Lect.-room A.	Op. Dent., L. Prof. Fillebrown. Lect.-room B.	Orthodontia. L. or Dem. Dr. Smith. Lect.-room B.	Oral Anat. & Physiology, L. Dr. Stanton. Lect.-room A.	Mechan. Dent., L. Prof. Chandler. Lect.-rm. A.
10	Prac. Mechan. Dentistry. Lab. Dr. Eldred.	Prac. Mechan. Dentistry. Lab. Dr. Parsons.	Prac. Mechan. Dentistry. Lab. Dr. Woodcock		Prac. Mechan. Dentistry. Lab. Dr. Bixby.	Prac. Mech. Dentistry. Lab.
10½				Dent. Path., L. Dr. Brackett.		
11½				Laboratory. Prac. Mechan. Dentistry. Dr. Oldham.		
12	Dr. Moriarty. Dem.	Dr. Moriarty. Dem.	Dr. Moriarty. Dem.	Dr. Moriarty. Dem.	Dr. Moriarty. Dem.	Dr. Moriarty. Dem.
2	Pract. Op. Dentistry. Dr. Holmes.	Pract. Op. Dentistry. Dr. Keep.	Pract. Op. Dentistry. Dr. Perkins.	Pract. Op. Dentistry. Dr. Blaisdell.	Pract. Op. Dentistry. Dr. Hopkins.	
4	Dr. Paul. Dem.	Dr. Paul. Dem.	Dr. Paul. Dem.	Dr. Paul. Dem.	Dr. Paul. Dem.	
5						

* During first half-year.

Third Class.

DENTAL HOSPITAL, NORTH GROVE ST.

	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.
9	*Crown and Bridge work. Clin. Lect. or Dem. Dr. Cook. Lect.-room B.	Surg. Path. Dr. Monks. 10 weeks. Lect.-room A. Dr. Clapp. 4 weeks in Dec. Dr. Potter. 5 weeks in Jan. Lect.-room B.	Op. Dent., L. Prof. Fillebrown. Lect.-room B.	Orthodontia. L. or Dem. Dr. Smith. Lect.-room B.	*Neurol'gy, L. 4 weeks. Dr. Walton. Lect.-room A. Prac. Mechan. Dentistry. Lab. Dr. Bixby. *Dr. Stoddard.	Mechan. Dent. L. Prof. Chandler. Lect.-rm. A.
10	Prac. Mechan. Dentistry. Lab. Dr. Eldred.	Prac. Mechan. Dentistry. Lab. Dr. Parsons.	Prac. Mechan. Dentistry. Lab. Dr. Woodcock	Prac. Mechan. Dentistry. Lab. Dr. Oldham.		Prac. Mech. Dentistry. Lab.
12	Dr. Moriarty. Dem.	Dr. Moriarty. Dem.	Dr. Moriarty. Dem.	Dr. Moriarty. Dem.	Dr. Moriarty. Dem.	Dr. Moriarty, Dem.
2	Pract. Op. Dentistry. Dr. Gillett.	Pract. Op. Dentistry. Dr. Taft.	Pract. Op. Dentistry. Dr. Eddy.	Pract. Op. Dentistry. Dr. Bradley.	Pract. Op. Dentistry. Dr. Boardman.	
4	Dr. Paul. Dem.	Dr. Paul. Dem.	Dr. Paul. Dem.	†Surgery, L. Prof. Warren. Dr. Paul. Dem.	Dr. Paul. Dem.	
6						

* During second half-year.

† Medical School.

THE SCHOOL OF VETERINARY MEDICINE.

FACULTY.

CHARLES W. ELIOT, LL.D., *President.*

CHARLES P. LYMAN, F.R.C.V.S., *Dean, and Professor of Veterinary Medicine.*

HENRY P. BOWDITCH, M.D., *Professor of Physiology.*

J. COLLINS WARREN, M.D., *Professor of Surgery.*

EDWARD S. WOOD, M.D., *Professor of Chemistry.*

WILLIAM B. HILLS, M.D., *Associate Professor of Chemistry.*

WILLIAM F. WHITNEY, M.D., *Professor of Parasites and Parasitic Diseases.*

CHARLES S. MINOT, S.D., *Professor of Histology and Human Embryology.*

HAROLD C. ERNST, M.D., *Assistant Professor of Bacteriology.*

FREDERICK H. OSGOOD, B.S., M.R.C.V.S., *Professor of Veterinary Surgery, and Surgeon in Charge of Veterinary Hospital.*

HENRY F. LEONARD, M.D., M.D.V., *Instructor in Anatomy.*

KENELM WINSLOW, B.A.S., M.D.V., M.D., *Assistant Professor of Veterinary Therapeutics.*

OTHER INSTRUCTORS.

LESTER H. HOWARD, D.V.S., *Clinical Lecturer.*

WILLIAM O. UNDERWOOD, A.B., *Lecturer on Warranty and Evidence.*

JOHN L. AMES, M.D., *Assistant in Histology.*

FREDERICK A. DAVIS, M.D., *Instructor in Physiology.*

FRANK I. PROCTOR, M.D., *Instructor in Ophthalmology.*

A. H. WENTWORTH, M.D., *Assistant in Chemistry.*

WESLEY L. LA BAW, D.V.S., *Demonstrator of Anatomy and Assistant Surgeon at the Hospital, and Curator of the Veterinary Museum.*

ALEXANDER BURR, M.D.V., *Instructor in Meat Inspection.*

GEORGE B. FOSS, M.D.V., *Resident Hospital Surgeon and Lecturer on Diseases of Dogs.*

FREDERICK S. DELUE, M.D., *Assistant in Histology.*

STUDENTS.

THIRD CLASS.

NAME.	RESIDENCE.	ADDRESS.*
Buckley, William,	<i>Somerville,</i>	19 Virginia St., Somerville.
Clark, George Adams,	<i>Somerville,</i>	11 Clark St., Somerville.
Jakeman, William Walter,	<i>Halifax, N. S.</i>	549 Albany St. [ville.
Long, Albert,	<i>Boston,</i>	192 Northampton St.
Martin, Robert Douglas,	<i>Manchester, N. H.,</i>	Hotel Pelham.
Newton, Edward Roswell,	<i>Hartford, Conn.,</i>	573 Tremont St.
O'Connell, John Aloysius,	<i>Dorchester,</i>	9 Melbourne St., Dorchester.
O'Leary, John Philip,	<i>So. Boston,</i>	2 Broadway, So. Boston.
McNeil, Charles Eaton,	<i>Boston,</i>	509 Columbus Ave.

SECOND CLASS.

Armstrong, James Munroe,	<i>E. Providence, R. I.</i>	133 Roxbury St.
Brown, Henry Ernest,	<i>Littleton,</i>	50 Village St.
Cormier, Louis Ralph,	<i>Charlestown,</i>	Charlestown. [Lynn.
Fuller, Ernest Page,	<i>No. Andover,</i>	37 W. Neptune St.,
Gage, Fred Bryant,	<i>Portland, Me.</i>	Mt. Pleasant St.
Hamblet, Clement Arthur,	<i>Lowell,</i>	275 Warren St.
Hawes, Lewis Sumner,	<i>Natick,</i>	[Waltham.
Hays, Daniel Shefer,	<i>Waltham,</i>	239 School St., [Park.
Hill, Henry Nourse,	<i>Hyde Park,</i>	33 Austin St., Hyde
Keogh, Daniel Patrick,	<i>Chelsea,</i>	20 Gerrish Ave.,
Knobel, Edward,	<i>Dedham,</i>	Dedham. [Chelsea.
Linden Kohl, George Stephen,	<i>Washington, D. C.</i>	12 Union Park St.
Mason, James Kingsley,	<i>Campello,</i>	42 South St., Campello.
Playdon, Calvert Howard,	<i>Andover,</i>	Andover.

FIRST CLASS.

Babbitt, Frank Jerome,	<i>Lynn,</i>	Lynn.
Babson, Elmer Warren,	<i>Gloucester,</i>	Gloucester.
Banks, Charles Brown,	<i>Lowell,</i>	Lowell.
Burgess, Howard Montgomery,	<i>Hyde Park,</i>	Hyde Park.
Carrier, Stephen Frederick,	<i>Roxbury.</i>	Roxbury.
Dearborn, William Clark,	<i>Belmont, N. H.</i>	Belmont, N. H.
Dolan, Frederick Thomas,	<i>Dorchester,</i>	Dorchester.
Harding, Francis Herbert,	<i>Portland, Me.</i>	Portland, Me.

* Addresses are in Boston, unless stated to be elsewhere.

Hoppe, Henry George,	<i>So. Boston,</i>	<i>So. Boston.</i>
Madden, Edward Ambrose,	<i>Watertown,</i>	<i>Watertown.</i>
May, Arthur Winthrop,	<i>Jamaica Plain,</i>	<i>Jamaica Plain.</i>
Murphy, William H., Jr.	<i>Brighton,</i>	<i>Brighton.</i>
Nagle, Luke Thomas,	<i>Brookline,</i>	<i>Walnut St., Brookline.</i>
Nannery, William Augustine,	<i>W. Roxbury,</i>	<i>W. Roxbury.</i>
Nolte, Julian William,	<i>New Haven, Conn.,</i>	<i>50 Village, St.</i>
O'Brien, John Edward,	<i>Somerville,</i>	<i>Somerville.</i>
Peterson, Ellis, Jr.,	<i>Jamaica Plain,</i>	<i>Jamaica Plain.</i>
Shinkwin, Thomas Joseph,	<i>Holyoke,</i>	<i>Holyoke. [bridge.</i>
Smith, Francis Joseph,	<i>Cambridge,</i>	<i>78 School St., Cam-</i>
Symonds, Herman Hall,	<i>Beverly,</i>	<i>9 Ocean St., Beverly.</i>
Stone, Herbert Winslow,	<i>Newton Centre,</i>	<i>Newton Centre.</i>
Thissell, Berton Amasa,	<i>Florence,</i>	<i>57 Clarendon St.</i>
Tucker, Ernest Huntington,	<i>Jamaica Plain,</i>	<i>99 Sedgwick St., Jamaica Plain.</i>
Tuttle, Harry Albert,	<i>Hyde Park,</i>	<i>Hyde Park.</i>
Wallingford, Pel Fletcher,	<i>Waltham,</i>	<i>Waltham.</i>
Weeks, Lewis Cummings,	<i>Falmouth,</i>	<i>Falmouth.</i>
White, Daniel George,	<i>Dorchester,</i>	<i>Dorchester.</i>
White, William Tisdale,	<i>Allston,</i>	<i>Allston.</i>
Wight, Alexander Eames,	<i>Medfield,</i>	<i>Medfield.</i>

SPECIAL STUDENTS.

Bennett, Joseph,	<i>Lowell,</i>	<i>Lowell.</i>
Burchsted, Clarence Edward,	<i>Boston,</i>	<i>Boston.</i>
Cronon, Cornelius,	<i>Canton,</i>	<i>Canton.</i>
Davis, Charles Chamberlain,	<i>Concord,</i>	<i>Concord.</i>
Muletour, William John,	<i>Roxbury,</i>	<i>Roxbury.</i>
Mulowney, Edward Francis,	<i>Brookline,</i>	<i>Brookline.</i>
Robinson, Frank H.	<i>Southboro',</i>	<i>Southboro'.</i>
Perry, Charles Herbert,	<i>Worcester,</i>	<i>Worcester.</i>
Shaughnessy, William Martin,	<i>Marlboro',</i>	<i>Marlboro'.</i>
Stratton, Frank Benjamin,	<i>Swampscott,</i>	<i>Swampscott.</i>

SUMMARY.

THIRD CLASS	9
SECOND CLASS	14
FIRST CLASS	29
SPECIAL STUDENTS	10
TOTAL	62

THE SCHOOL OF VETERINARY MEDICINE.

DIVISION OF STUDIES.

For the First Year. — Anatomy, Physiology, General Chemistry, Botany, and Practical Anatomy.

For the Second Year. — Advanced Anatomy, Medical Chemistry, Materia Medica, Comparative Pathology, Surgical Pathology, Theory and Practice of Veterinary Medicine, Clinical Medicine, Clinical Surgery, and Practical Anatomy.

For the Third Year. — Warranty and Evidence, Veterinary Therapeutics, Obstetrics, Theory and Practice of Veterinary Medicine, and Equine Pathology, Bovine Pathology, Canine Pathology, Operative Veterinary Surgery, Ophthalmology, Parasites and Parasitic Diseases, Clinical Medicine, Clinical Surgery, and Meat Inspection.

METHODS OF INSTRUCTION.

The following methods of instruction are adopted in the several departments : —

Anatomy. — The instruction will embrace the *general laws* of anatomy, *typical* anatomy, taking the horse as a type, *comparative* anatomy of the other domesticated animals, and *practical* anatomy, abundant opportunity being offered for dissections under the oversight of the Instructor assisted by the Demonstrator. Histology and the use of the microscope will be taught by Laboratory exercises under the direction of the Instructor.

Physiology. — Lectures, recitations, conferences, and practical demonstrations in the Laboratory. To students of the second and third years opportunities will be given for original investigations in the Physiological Laboratory.

Chemistry will be taught mainly by practical work in the Laboratory, the student having his own desk and apparatus. In the second half of the first year Medical Chemistry is taught by lectures, recitations, and exercises in the Laboratory, where each student will be taught the chemistry and microscopy of the urine and the tests for the important poisons.

During the second year the instruction will be chiefly clinical in character, the student being taught the diagnosis of kidney and other diseases by examination of the urine, and clinical toxicology. Instruction will also be given in the examination of blood and other stains and of pathological concretions and fluids.

Comparative Pathological Anatomy will be taught by lectures, recitations, and practical instruction in pathological histology of the domesticated animal. The collections of the various Museums will be used to

illustrate the lectures, and morbid specimens will be shown in a fresh state. Students will also receive practical instruction in the method of making autopsies. Pathological histology, including the diagnosis of tumors, will be taught in Laboratory exercises; students will be required to prepare the various objects.

Botany will be taught by lectures and practical exercises in the Laboratory. Typical examples of the various classes of plants are selected with regard to their Anatomy, Physiology, and Development. Particular attention will be given to the more common Forage Plants, and to the indigenous Poisonous Plants.

Materia Medica, including *Pharmacy*, will be taught by lectures and practical demonstrations.

Lectures on Warranty and Evidence will be given once a week during the first half of the third year, and consist of practical talks upon the law of sales and warranty. Also a general discussion of the rules of evidence, with practical suggestions on expert testimony, and the conduct of witnesses in court.

Veterinary Therapeutics, or the physiological action of drugs and their application to the diseases of animals will be taught in the third year by lectures, recitations, and clinical exercises, at which the students will recommend treatment and write prescriptions for the patients submitted to them.

The Theory and Practice of Veterinary Medicine will be taught in the second and third years by lectures, recitations, hospital visits, and outdoor practice. This will include a careful consideration of the pathology of the diseases to which horses are subject, their causes, recognition and treatment, as well as of the diagnosis and treatment of lameness.

Instruction in Cattle Practice will be given once a week during the third year. The course will embrace a discussion of the causes, pathology, prevention, and treatment, of the contagious and non-contagious diseases of neat cattle, supplemented by a consideration of the comparative values of various food materials.

Meat Inspection.—Instruction in this subject will consist of practical exercises at the Abattoir, in Brighton; the appearances of healthy and diseased meat; and, incidentally, the causes leading up to them.

Clinical Medicine.—Daily instruction will be given in this department by visits to sick animals and other exercises by Drs. Lyman, Osgood, Howard, Leonard, LaBaw, and Foss. The great resources of the School, in its Hospital Wards, together with this unusually large clinical staff, and systematically planned clinical work, offers to students an opportunity for gaining practical knowledge of the disorders of animals, which, it is believed, is not approached elsewhere in this country. They will be

furnished with cases for personal examination, and will be called upon to report them before the class, where the reports will be criticised. A regular course of supplementary instruction will be given in Auscultation and Percussion, which will afford students an abundant opportunity for acquiring a thoroughly practical knowledge of these valuable methods of aiding diagnosis.

Surgery. — Lectures and recitations. There will also be courses on Surgical Histology, Bandaging, the Application of Surgical Apparatus, and Operative Surgery. Regular days are set apart for operations at the Veterinary Hospital. Students are also expected to attend the operations at the City and Massachusetts General Hospitals, and in the third year will have opportunity of performing various operations upon the living subject, under the direction of the Instructor, and before the class.

Obstetrics. — Lectures. Students will be instructed in the methods of performing necessary operations.

Ophthalmology. — A course of lectures, with practical exercises, will be delivered upon the diseases of the eye in the domestic animals, and instruction will be given in the use of the ophthalmoscope.

Parasites and Parasitic Diseases. — A special course of lectures and clinical instruction will be given in this subject.

Embryology. — A special course of lectures will be given during the first year.

Bacteriology. — A special course of lectures will be given during a portion of the second year.

Meat Inspection. — A special course in this very important division of a veterinarian's work will be given at the City Abattoir.

TEXT-BOOKS.

The following works are recommended as text-books, and for consultation: —

Anatomy. Strangeway's Veterinary Anatomy, Vaughan. Chaveau's Comparative Anatomy, Fleming. Anatomy of the Horse, a Dissection Guide, McFadyean.

Physiology. Foster's Text-book of Physiology. Martin, The Human Body. Kirke's Handbook of Physiology. Yeo's Manual of Physiology. Mill's Comparative Physiology.

General Chemistry. Whitthaus' Medical Student's Manual of Chemistry. Miller's, Roscoe and Schorlemmer's, or Fowne's Chemistry. Douglas and Prescott's, or Fresenius' Qualitative Analysis.

Medical Chemistry. Neubauer and Vogel, Analysis of the Urine. Tyson's Guide to Practical Examination of the Urine. Ultzmann and

Hoffman's Atlas der Harnsedimente. Hoppe-Seyler's Physiologische Chemie. Taylor on Poisons. Wormley's Micro-Chemistry of Poisons.

Botany. Gray's Text-book.

Materia Medica. Veterinary Medicines, Their Action and Uses, Finlay Dun. Morton's Manual of Pharmacy for the Veterinary Student. United States Pharmacopoeia.

Pathological Anatomy. Ziegler's Pathological Anatomy and Pathogenesis. Orth's Compend of Diagnosis in Pathological Anatomy. Friedlaender's Use of the Microscope in Clinical and Pathological Examinations. Coat's Manual of Pathology. Cohnheim's Lectures on General Pathology.

Therapeutics. H. C. Wood's Therapeutics. Ringer's Therapeutics.

Obstetrics. Fleming's Veterinary Obstetrics.

Theory and Practice. The Principles and Practice of Veterinary Medicine, Williams. The Principles and Practice of Veterinary Surgery, Williams. Equine Medicine, Robertson. Percival's Hippopathology. A Manual of Bovine Pathology, Steele. The Dog in Health and Disease. MILLS.

Surgery. Billroth's Surgical Pathology. Text-book of Operative Veterinary Surgery, Fleming. Précis de Chirurgie Vétérinaire, Peuch et Toussaint. Handbuch der Thierärztlichen Operationslehre, Herring.

COURSES OF INSTRUCTION.

Anatomy.

Descriptive Anatomy. *Three times a week.* DR. LEONARD.

Practical Anatomy, with Exercises in Dissection. *Daily. Nov. till May.* Drs. LEONARD and LA BAW.

Form and Action of the Horse. PROFESSOR LYMAN.

Laboratory Exercises in Histology. *Twice a week.* Drs. AMES and —.

Physiology.

Systematic and Experimental Physiology. *Four times a week.* PROFESSOR BOWDITCH.

Laboratory Exercises in Experimental Physiology. DR. DAVIS.

Chemistry.

Descriptive and Analytical Chemistry. *Three times a week.* PROFESSOR HILLS.

Medical and Toxicological Chemistry. *Twice a week.* PROFESSOR WOOD.

Practical Exercises in the Laboratory for Analytical Chemistry. *Eight hours a week.* PROFESSOR HILLS.

Practical Exercises in the Laboratory for Medical Chemistry. *Daily.* PROFESSORS WOOD and HILLS and DR. WENTWORTH.

Botany.

Botany. *Twice a week in the second half-year, with Laboratory and Field work.* Assistant Professor WINSLOW.

Materia Medica and Therapeutica.

Materia Medica. with Practical Demonstrations. *Twice a week.* Assistant Professor WINSLOW. — **Practical Pharmacy.** *Daily.* Demonstrators.

Veterinary Therapeutics. *Twice a week.* Assistant Professor WINSLOW.

Pathology and Pathological Anatomy.

Comparative Pathological Anatomy. *Twice a week.* Professor WHITNEY.
Special Pathology with Demonstrations and Laboratory Exercises in Pathological Histology. *Twice a week.* Professors COUNCILMAN and WHITNEY and Dr. PRESCOTT.

Equine Pathology. *Three times a week.* Professor LYMAN.

Bovine Pathology. *Once a week.* Professor OSGOOD.

Inspection of Meat. *Once a week.* Dr. BURR.

Practical Instruction in performing Autopsies. Professors LYMAN and OSGOOD; Drs. LEONARD, LA BAW, and FOSS.

Surgery.

Operative Veterinary Surgery, Lectures and Practical Exercises. Professor OSGOOD.

Lectures in Surgery. *Once a week.* Professor WARREN.

Surgical Pathology. *Twice a week.* Professor J. C. WARREN.

The Application of Bandages and Apparatus. *Daily.* Professor OSGOOD and Dr. LA BAW.

Ophthalmology.

Diseases and Injuries of the Eye. Lectures and Practical Exercises. *Once a week.* Dr. PROCTOR.

Parasitic Diseases.

Parasites and Parasitic Diseases. *Once a week.* Professor WHITNEY.

Theory and Practice.

Theory and Practice of Equine Medicine. *Three times a week.* Professor LYMAN.

Bovine Pathology. *Once a week.* Professor OSGOOD.

Obstetrics.

Theory and Practice of Veterinary Obstetrics. *Once a week in second half-year.* Professor LYMAN.

Warranty and Evidence.

Warranty and Evidence. *Once a week.* Mr. UNDERWOOD.

Meat Inspection.

Meat Inspection. *Once a week.* Dr. BURR.

Clinical Veterinary Medicine and Surgery.

Clinical Veterinary Medicine and Surgery. *Daily.* Professors LYMAN and OSGOOD; Drs. HOWARD, WINSLOW, LEONARD, LA BAW, and FOSS.

VETERINARY ESTABLISHMENT.

A fully equipped veterinary establishment has been provided, which with its other facilities makes this School one of large resources for students who wish to become thoroughly practical, as well as scientific, veterinarians.

Hospital. — The hospital building, situated at the corner of Village and Lucas Streets in the city proper, offers every advantage for the observation and treatment of sick animals. It is a substantial structure of brick, three stories high, and has been designed and built especially for its uses. Upon the first floor are the office, a large operating-room lighted from above, five commodious box stalls (one of which is arranged for the reception of violent cases) and six ordinary stalls. On the second floor are twelve boxes and stalls of various dimensions, a room for dogs containing about twenty kennels, a pharmacy, and an instrument room. The third story contains, besides the necessary lofts and work rooms, apartments for the assistant surgeon and house surgeons. In the basement there is a shoeing forge and a boiler room. Hot and cold water, steam heat, and gas are supplied throughout the building, and all pains have been taken to make the drainage and ventilation satisfactory.

Adjoining the Hospital and connected with it, is another brick building, erected solely for the purposes of the School. This contains, on the lower floor, which is devoted to Hospital uses, boxes and stalls for ten horses. Upon the second floor is the lecture-room, in which a separate desk is provided for each student, and the seats rise each higher than the one before it. From this room a door communicates with the Hospital through which horses, or other animals, are introduced for purposes of illustration. Upon the third floor in front is the dissecting-room, two stories in height, lighted from above, with an asphalt floor

and heavily painted brick walls, making a room which is at once light, well ventilated, and dry. In the rear is a students' reading-room comfortably furnished, the walls being lined with book-cases which are intended to accommodate the library, to which the members of all the classes have access. Above this on the fourth floor is a room properly fitted with glass cases for the Museum, and beside it a comfortable room for the house surgeons. The whole building is heated by steam.

Forge.—The forge is used for the shoeing of both sound and lame horses. The theory of orthopœdic shoeing will be taught as well as that of shoeing sound animals. It will be possible also for those students who desire it, to procure a course in practical horse-shoeing.

Museum.—Besides the rich collection at the Warren Museum, to which the students have access, the School has a valuable collection of its own, which has been added to by gifts of anatomical and pathological objects from friends, both within and without the profession.

Methods of Instruction.—In all departments cases will be placed under the care of the senior students, who will be expected to act in regular order as visitors and dressers, to keep a full record of all work done, and report the same to the class for criticism. In the same way it is expected that students will do the work of mixing and dispensing medicines in the pharmacy, that they may thus become thoroughly competent veterinary pharmacists.

A thorough drill will be given at the hospitals in the various methods of restraining animals during operation, in the application of bandages, and the administration of medicines, as well as in the common methods of approaching and handling animals.

Practice in the examination of horses for soundness will be given frequently during the last two years of the course, and students will be required to write certificates of such examinations and to present them before the class for criticism.

Autopsies will be made on all patients that die at the hospital, and on any cadavers that may be sent for examination.

EXAMINATIONS.

The regular examinations will be held in the following order:—

At the End of the First Year.—Anatomy, Physiology, General Chemistry, and Botany.

End of Second Year.—Advanced Anatomy, Medical Chemistry, Materia Medica and Pharmacy, and Pathological Anatomy.

End of Third Year.—Veterinary Therapeutics, Obstetrics, Theory and Practice of Veterinary Medicine, Bovine Pathology, Surgical Pathology, Veterinary Surgery, Ophthalmology, Parasitic Diseases, Meat Inspection, and practical examinations.

The regular examinations will be held at the end of each year in June, and a week before the opening of the School in September on the studies of the preceding year. The practical examination will be given but once in each year.

No student will be allowed to anticipate the examinations in the regular course of studies of his year, except by special permission of the Faculty. No student will be allowed to present himself for examination, in any branch of study, *without notifying the Secretary, in writing*, that he intends to do so, one month before the time when the examination is to be held.

The examinations will be conducted by means of practical exercises, orally, and in writing. No student will receive his degree until he has passed a satisfactory examination in all the subjects of the three years' course, and has presented a certificate from the Demonstrator in Anatomy that he has satisfactorily dissected one or more entire bodies. Those who fail in any subject may present themselves in that subject again, at the next regular examination.

DIVISION OF STUDENTS.

Students will be divided into three classes, according to their time of study and proficiency. Those who began their professional studies elsewhere may be admitted to advanced standing, but all persons who apply for admission to the advanced classes must pass an examination in the branches already pursued by the class to which they seek admission.

No student may advance with his class, until he has passed the required examinations in the studies of the previous year, or a majority of them; and no student shall be registered as a member of the third class until he has passed all of the examinations of the first, and a majority of those of the second year; and none but registered members of the third class shall be allowed to participate in the Hospital work.

In order that the time of study shall count as a full year, students must present themselves within the first week of the school year and register their names with the Secretary.

Special Students will be admitted to the School at any time under conditions which may be ascertained by application to the Dean.

INSTRUCTION IN OTHER DEPARTMENTS OF THE UNIVERSITY.

Members of any one department of Harvard University have a right to attend lectures and recitations in any other department, without paying additional fees; but this provision does not apply to Special Students unless they pay the full fee of \$150. Students in the School of Veteri-

nary Medicine who wish to avail themselves of this opportunity of pursuing scientific or other studies may do so to such extent and in such manner as the Faculty of the School shall in each case prescribe.

LIBRARIES.

The Library of the School of Veterinary Medicine is open to the student, on the deposit of five dollars, to be refunded to him when he may desire, after returning all books.

The College Library at Cambridge is open to the students of the School of Veterinary Medicine.

The Boston Public Library, which contains a large collection of Medical and Veterinary books, is open to students who are inhabitants of Boston. Students who are not inhabitants of Boston, who have filed bonds at the Treasurer's office, or deposited with the Treasurer the sum of fifty dollars, may also use this Library.

ADMISSION.

All candidates for admission, excepting those who can produce certificates proving that they have passed the admission examination at some recognized college or scientific school, must pass an examination in the following subjects:—

ENGLISH. 1. Each applicant will be required to read aloud a selected passage from ordinary English prose.

2. To write legibly and correctly an English composition of not less than two hundred words.

3. To write English prose from dictation.

4. ARITHMETIC. The simple and compound rules of Arithmetic including decimal fractions.

5. OPTIONAL SUBJECTS. Each candidate for admission must pass an examination in *one* of the following subjects: Latin, French, German (the translation of easy prose), the elements of Algebra, Plane Geometry, or Zoölogy.*

Candidates who pass a satisfactory examination in a majority of the subjects will be admitted conditionally, but will not be allowed to graduate until such conditions have been made up.

* Young men who intend to study Veterinary Medicine are advised to pay special attention to the study of Natural History, Chemistry, Physics, and the French and German languages, while in school or college.

In 1895, the examinations for admission will be held at the class-room on Village St., on Tuesday, June 25, and on Tuesday, September 24, beginning at 10 A.M.; examinations for admission will ALSO be held at the following places, beginning at 8 A.M. on Tuesday, June 25:—

In *Quincy*, in the rooms of the Adams Academy; in *Andover*, in the rooms of the Phillips Academy; in *Groton*, in the rooms of the Groton School; in *Southborough*, in the rooms of St. Mark's School; in *Worcester*, in Curtis Hall, the Young Men's Christian Association building, Elm Street; in *Exeter, N. H.*, in the rooms of Phillips Exeter Academy; in *Concord, N. H.*, in the rooms of St. Paul's School; in *Portland, Me.*, in the rooms of the Portland High School; in *Lakeville, Conn.*, in the rooms of the Hotchkiss School; in *New York, N. Y.*, in the lecture-room of the Young Men's Christian Association, 23d Street, corner of Fourth Avenue; in *Albany, N. Y.*, in the rooms of the Young Men's Christian Association; in *Buffalo, N. Y.*, in the High School building, corner of Court and Franklin Streets; in *Philadelpha, Pa.*, in the rooms of the Young Men's Christian Association building, corner of 15th and Chestnut Streets; in *Washington, D. C.*, in the rooms of the Young Men's Christian Association; in *Cleveland, O.*, in the Central High School building; in *Cincinnati, O.*, in the rooms of the Law School, College Building, Walnut Street; in *Chicago, Ill.*, in the rooms of the Chicago Athenæum, Van Buren Street; in *Minneapolis, Minn.*, in the Lecture-room of the Public Library building; in *St. Louis, Mo.*, in the Board of Education building, corner of Ninth and Locust Streets; in *Omaha, Neb.*; in *Denver, Col.*, in the rooms of the Denver High School (District No. 1), corner of Nineteenth and Stout Streets; in *San Francisco, Cal.*, in the rooms of the Mechanics' Institute, 81 Post Street; in *Belmont, Cal.*, in the rooms of the Belmont School; in *Portland, Oregon*; in *Bonn, Germany*, at the Hotel Kley.

REQUIREMENTS FOR THE DEGREE OF DOCTOR OF VETERINARY MEDICINE.

Every candidate must be twenty-one years of age, and of good moral character; must give evidence of having studied medicine three full years; have spent at least one continuous year at this School; have presented a satisfactory thesis; and have passed the required examinations.

PECUNIARY AID.

Two scholarships, of the annual value of one hundred and fifty dollars each, will be hereafter awarded to meritorious students standing in need of such assistance, who have been in the School one full year at least. The award will be made by the Corporation, on the recommendation of the Faculty, at the beginning of each academic year. One third of the annual

value of the scholarships is paid on the 12th of January, one third on the 12th of April, and one third immediately after the issue of the June term-bill. Applications for these scholarships must be made in writing, to the Dean, by the first of June. In making the award a preference will be given to members of the third year class; and no scholarship will be granted to a member of the second year class unless he intends to remain in the School until he completes the course.

FEES AND EXPENSES.

The tuition fee is one hundred and fifty dollars a year (if in two payments, at the first ninety dollars, at the second sixty dollars). There are no charges for either matriculation or graduation in this School; and the cost of the entire instruction given is included in the above amount. There will, however, be a small charge for breakage of apparatus, etc., in the chemical laboratory, generally amounting to five or six dollars; and another for dissecting material.* Of students who do not pay in advance, a bond for \$300, executed by two sufficient bondsmen, one of whom must be a citizen of the United States, is required. No officer or student in the University will be accepted as bondsman. A copy of such bond will be sent, on application to the Treasurer of Harvard College.† To students depositing bonds, term bills will be presented one week before the end of the first term, to be paid within two weeks; and also one week or more before Commencement, to be paid on or before the beginning of the next academic year. Such students will be held responsible for the payment of fees until they have notified the Dean of their intention to withdraw from the School and have subsequently received their bond from the Treasurer. Whenever a student is obliged to withdraw from the School before the last four weeks of a half-year for no misdemeanor, but for good and sufficient reason, to be determined in all cases by the Faculty, it shall be recommended that he be entitled to a remission of three-fourths of the amount due for that portion of the time during which he receives no instruction — this remission to date from the reception by the Dean of a written notice of the student's withdrawal from the School. No degree can be conferred till all dues to the school are discharged. The student's general expenses may be made to conform, in accordance with his means, to the standards which prevail in other cities.

For further information or catalogues, address C. P. LYMAN, F.R.C.V.S., *Dean*, 50 Village St., Boston, Mass.

* This will not apply to students who entered the Veterinary School prior to January 1st, 1895.

† The Treasurer's office is at 50 State Street, Boston.

THE BUSSEY INSTITUTION,
JAMAICA PLAIN, MASSACHUSETTS.
A SCHOOL OF AGRICULTURE AND HORTICULTURE.

—••—
INSTRUCTORS.

THOMAS MOTLEY, A.M., *Instructor in Farming.*

— — — — —, *Professor of Applied Zoölogy.*

FRANCIS H. STORER, S.B., A.M., *Dean, and Professor of Agricultural Chemistry.*

BENJAMIN M. WATSON, JR., A.B., *Instructor in Horticulture.*

NATHANIEL THAYER KIDDER, B.A.S., *Instructor in Botany.*

— — — — —
EDMUND HERSEY, *Superintendent of the Bussey Farm.*

— — — — —
CHARLES S. SARGENT, A.B., *Director of the Arnold Arboretum.*

STUDENTS.

NAME.	RESIDENCE.	PRESENT ADDRESS.
Adams, Henry Saxton,	<i>Dorchester,</i>	2 Gleason St.*
Blake, George Baty, A.B. 1893,	<i>Boston,</i>	87 Beacon St.*
Boardman, Samuel May,	<i>Mattapan,</i>	Brush Hill Road, Mattapan.
Dawson, James Fred,	<i>Jamaica Plain,</i>	Centre St., Jamaica
Enlicott, John,	<i>Canton,</i>	Canton. [Plain.*
Heath, Charles William,	<i>Harrisville, N. H.</i>	Cor. South & Centre Sts., Jamaica Plain.*
Hosmer, Ralph Sheldon, B.A.S. 1894,	<i>Dorchester,</i>	861 Neponset Ave.*
Laimbeer, William,	<i>New York, N. Y.</i>	Claverly 19.
Nazro, Wm. Edward Coffin,	<i>Dorchester,</i>	159 Savin Hill Ave.*
Raymond, Edward Lincoln, A.B. (<i>Amherst Coll.</i>) 1890,	<i>Boston,</i>	8 Ballard Place, [Jamaica Plain.*
Shurtleff, Arthur Asahel, S.B. (<i>Mass. Inst. of Tech.</i>) 1894,	<i>Boston,</i>	9 West Cedar St.*
Stearns, Louis Carmel,	<i>Mansfield,</i>	Mansfield.

* Addresses followed by an asterisk (*) are in Boston; the others are as stated.

THE BUSSEY INSTITUTION.

The School of Agriculture and Horticulture, established in execution of the Trusts created by the will of Benjamin Bussey, gives systematic instruction in Agriculture, Useful and Ornamental Gardening, and Stock Raising. It is specially adapted for the instruction of young men who have been brought up as practical farmers or gardeners, and who intend to follow one or other of these callings, and of those, fond of country life, who are specially interested in the care and maintenance of estates.

It is, in general, meant for young men who intend to become farmers, gardeners, florists, or landscape gardeners; as well as for those who will naturally be called upon to manage large estates, or who wish to qualify themselves to be overseers or superintendents of farms, country seats, or public institutions. It also meets the needs of students who wish to pursue some special branch of agriculture, horticulture, or botany.

The Bussey Institution is situated near the village of Jamaica Plain, about five miles southwest of the centre of Boston, and close to the Forest Hills station on the Boston and Providence Railroad. It is far enough removed from the other departments of the University to preserve the spirit and atmosphere proper to a School of Agriculture, and to insure to its students mental independence and opportunity to devote themselves wholly to their chosen studies; while, on the other hand, it is near enough to Cambridge and Boston to permit the use of the College Library and of the rich scientific collections of the University, and to enable the student, if he please, to attend a great variety of collateral courses of instruction. Students may live either in the immediate vicinity of the School, or in Boston proper, or in some one of the neighboring villages upon the line of the railroad.

The academic year begins on the Thursday following the last Wednesday in September, and ends on the last Wednesday in June, with a recess from December 28d to January 2d, inclusive, and a spring recess of one week, exact date to be announced.

. INSTRUCTION.

Theory of Farming Mr. MOTLEY.

Selection of farms for special purposes. Division into fields for different crops. How manures and composts are prepared and kept. Seeding for hay, grain, and root crops. Selection of cows and other stock for farm purposes, with general directions for breeding the same. Farm accounts.

Horticulture Mr. WATSON.

Preparation of soils for horticultural and floricultural purposes. Management of plants, including methods of propagation. Horticultural implements. Methods of obtaining new varieties of vegetables, fruits, and flowers. Arrangement and care of flower-gardens and kitchen-gardens, nurseries, and orchards. The construction and care of hotbeds and greenhouses. Principles of landscape gardening. Values of trees and shrubs for ornamental purposes. Practical greenhouse work by the student supplements the lectures.

Students interested in tree culture have the opportunity of seeing the raising of trees in great variety for the Arnold Arboretum, on grounds adjacent to the School.

Agricultural Chemistry Professor STORER.

Soil, air, and water in their relations to the plant. The food of plants; —manures, general and special. Chemical principles of tillage, irrigation, systems of rotation, and of special crops and farms. The food of animals; simple and mixed rations. Discussion of the values of different kinds of fodders, of the means of determining fodder values, and of the methods of using fodders to the best advantage.

Botany Mr. KIDDER.

Elements of structural and systematic botany. General classification of plants, with study of the more important natural orders of Phaenogams. Practice in analysis; and study of the common plants of our woods, fields, gardens and greenhouses, with special reference to the needs of agricultural and horticultural students. Rudiments of vegetable physiology.

Instruction is given by lectures and recitations, and by practical exercises in the laboratories, greenhouses, and fields; every student being taught to make experiments, study specimens, and observe for himself. The aim of the teachers is to give the student a just idea of the principles upon which the arts of agriculture and horticulture depend; to teach him how to make intelligent use of the scientific literature which relates to these arts; and to enable him to put a proper estimate upon those kinds of evidence which are obtained by experiments and by the observation of natural objects. Examinations are held steadily to test the student's proficiency.

The courses above described are given in one year, so that they may be profitably pursued by young men of ability and judgment who cannot afford to spare much time for advanced study.

The regular exercises of the School are supplemented by excursions for studying farms, animals, and dairies; for observing methods and instru-

ments employed for removing rocks and stumps, for draining and clearing land, for preparing cranberry bogs, etc. Opportunity is found in this way to discuss the methods of managing milk-farms and poultry-farms and to inspect recent improvements in the construction of farm buildings and of buildings used for the preservation of meat, apples, pears, cranberries, and other fruits.

In addition to the studies above enumerated, students of the Bussey Institution are recommended to pursue some of the courses on Surveying and Geology which are given at Cambridge. These courses, together with those upon the Principles of Delineation, Color and Design, and upon Architecture, will naturally be taken by students of landscape gardening. There are, moreover, various courses given in other departments of the University, either at Cambridge or in Boston, upon Anatomy, Advanced Botany (both phaenogamic and cryptogamic), Zoölogy, Physics, Physiology, Pathology, Political Economy and Engineering, which are particularly suitable for agricultural students.

The Farm connected with the School is devoted primarily to the production of hay, which is consumed upon the farm by horses and cattle taken to board. Members of the School have constant opportunity, under the supervision of the Instructors, to observe these animals, as well as the methods of procedure by which the fertility of the fields is kept up. The Superintendent explains at stated hours the structure and operation of improved implements for preparing land for the growth of crops and for harvesting all kinds of farm products. Special efforts are made to teach students how to select tools and machines which are properly constructed and best adapted to do the desired work.

OTHER OPPORTUNITIES FOR INSTRUCTION.

The stated instruction in Agricultural and Horticultural Science, as described above, is given at the Bussey Institution, at Jamaica Plain, by teachers specially attached to this institution. But, beside these regular courses, there are many other opportunities for instruction of which young men who are strong enough to bear extra study may freely avail themselves. Students of the Bussey Institution, in full regular standing, are admitted free to any or all the courses of instruction (about two hundred in number) in the other departments of the University, with the exception of exercises carried on in the special laboratories. In addition to the instruction given by the University, beginners whose previous opportunities have been limited may occupy the evening hours by studying at the free evening High, and Drawing Schools of the City of Boston, which offer a number of useful and interesting courses. The instruction given by these schools is free to persons residing in Jamaica

Plain or anywhere within the limits of the city. Free evening lectures upon scientific and other subjects of interest to agricultural students are often given both in Boston and Cambridge. The Massachusetts Horticultural Society holds frequent exhibitions of fruit and flowers; and there are several associations in Boston for the exhibition and discussion of mechanical novelties. Large agricultural warehouses, cattle markets, and abattoirs are all readily accessible, and afford ample opportunity for the observation and comparison of tools and stock. A great variety of greenhouses, and of gardens for the cultivation of fruit, flowers, and vegetables, as well as farms of several different kinds, and estates which illustrate practical landscape gardening, are situated within easy reach of the School and may be visited for purposes of study.

Young men who wish to obtain work upon farms during the summer vacation can do so without difficulty.

LIBRARIES.

Students may freely use the special Agricultural Library at the Bussey Institution; the College Library at Cambridge; and the Boston Public Library, which has a branch and office for the delivery of books in Jamaica Plain not far from the Bussey Institution.

REQUIREMENTS FOR ADMISSION AND GRADUATION.

Candidates for admission must be at least seventeen years of age, and must present testimonials of good moral character. No formal examination will be required of them, but each student must satisfy the Instructors of his ability and of his intention to profit by the teachings of the School.

Young men who wish to prepare themselves to pursue the foregoing courses of instruction to the fullest advantage can pass one year at the Lawrence Scientific School in Cambridge, which provides elementary courses of instruction in Chemistry, Physics, Mathematics, Biology, Physical Geography, Geology, Meteorology, Drawing, French, and German.*

Candidates for the degree of Bachelor of Agricultural Science, on completion of the stated courses at the Bussey Institution, as above described, and of the special studies at the Lawrence Scientific School, or their equivalent, must devote a year to advanced study at the University, and to

*In order to pursue these studies at the Scientific School with advantage the student should come prepared in Arithmetic, Algebra as far as Quadratic Equations, elementary Plane Geometry, and English Composition. The ability to translate French, German, and Latin will be of advantage to him.

practical research in Agriculture or Horticulture, or in Botany, Anatomy, or Chemistry as applied to those arts, and must satisfy the Instructors, by passing examinations, that they have acquired a thorough knowledge of the subjects in which they present themselves.

Candidates for a degree are expected to pursue at the Bussey Institution with equal diligence all the subjects taught there, though the advanced studies of the final year may be varied, at the discretion of the Instructors, in accordance with the student's aims and purposes. They will be excused from taking one or more of the specified studies at the Lawrence Scientific School on proving by examinations that they possess an equivalent amount of knowledge. Deficiencies may readily be made good, moreover, by pursuing some of the studies at the Scientific School during the hours when no stated exercises occur at the Bussey Institution. The Summer Schools also of Harvard College afford opportunities both for preparing to enter the Bussey Institution, and subsequently for making up deficiencies of preparation.

Students who are not candidates for a degree may, upon producing certificates of good moral character, join the School at any time, without examination, to pursue any special course or courses of instruction which they are qualified to pursue with advantage.

BOND OR DEPOSIT.

Every student, when admitted, must give a bond in the sum of \$200 to pay all charges accruing under the laws and customs of the University. The bond must be executed by two bondsmen, who must be satisfactory to the Treasurer (office No. 50 State St., Boston), and one of whom must be a citizen of the United States. Instead of filing a bond a student may pay his tuition fee for the year in advance and deposit such a sum of money, not exceeding \$50, as may be deemed sufficient to secure the payment of other school dues. Special students will pay the tuition fees in advance at the Treasurer's office, or to Professor F. H. STORER, Dean, at the Bussey Institution.

FEES AND EXPENSES.

The regular fee for the academic year is \$150; for half or any less fraction of a year, \$75; for any fraction of a year greater than one half, the fee for the whole year will be charged. The regular fee will be charged also to those special students who devote themselves to continuous laboratory work in a single department of the School.

The tuition fees will be freely remitted to meritorious regular students who are too poor to pay them; and a limited number of such students

will be boarded also free of cost in consideration of labor performed by them upon the farm, in the greenhouses, or about the buildings of the Institution.

The other expenses of a student for an academic year, not including clothing and washing, may be estimated as follows :—

Room	\$40.00 to \$100.00
Board for 88 weeks	183.00 to 200.00
Text Books and Instruments	15.00 to 20.00
Fuel and Lights	15.00 to 25.00
	<hr/>
	\$203.00 to \$345.00

For further information, address Professor FRANCIS H. STORER, Jamaica Plain, Mass.

SUMMER COURSES OF INSTRUCTION.

During the summer of 1895 courses of instruction will be given as follows:—

English :

Composition, two courses.

Literature, two courses.

Anglo-Saxon.

German, two courses.

French, two courses.

History and Art of Teaching.

History, two courses.

Common Law.

Mathematics :

Draughting and Descriptive Geometry.

Plane Geometry.

Mathematics :

Solid Geometry.

Trigonometry.

Engineering, four courses.

Physics, two courses.

Chemistry, four courses.

Mineralogy.

Botany, two courses.

Geology, three courses.

Physical Geography, two courses.

Physiology for Teachers.

Physical Training, two courses.

Women as well as men are admitted to these courses, except those in the Medical School, those in Engineering, and the two more advanced courses in Geology.

Circulars descriptive of these courses and other information may be obtained on application to *The Secretary of Harvard University, Cambridge, Mass.*

In general these courses are adapted to the needs of those who intend to be teachers in the several subjects. Several of the more elementary, however, are intended to meet the needs of beginners and may be taken by students in lieu of the corresponding courses in the College and the Lawrence Scientific School, and may be counted towards a degree.

In addition to the above-mentioned courses, certain lectures on methods of instruction will be given by teachers in the several departments represented by the schools. These lectures will be open, without charge, to the persons who are enrolled as members of any of the summer schools in the University.

During the session of the schools the College Library will be open from 9 A.M. till 5 P.M. The Museum of Comparative Zoölogy, the Peabody Museum, and the Mineralogical Museum are also accessible to students during the summer vacation.

In general the fees for the above-mentioned courses, except those in Chemistry, Engineering, Physical Training, and Elocution, are \$20 for each course, payable, on entering, to the Bursar.

Board and lodging may be obtained in Cambridge during the summer vacation at a cost of from \$5 to \$10 per week.

ENGLISH.

Two courses in English were given in the summer of 1894; (1) *English A*, corresponding in part to *English A* of the College course; (2) *English B*, corresponding in part to *English 22* of the College course. Similar courses will be given in the summer of 1895.

ENGLISH A.

STUDENTS.

Andrews, Mrs. Fannie Fern, <i>Teacher, Shepard School,</i>	Lynn.
Arnold, Frank Russell, A.B. (<i>Bowdoin Coll.</i>), <i>Assistant, High School, Southbridge,</i>	Braintree.
Barber, Lucretia J., <i>Instructor in English and Mathematics, Storrs Agricultural College,</i>	Storrs, Conn.
Bartlett, Millie H., <i>Head of Department, Public School No. 75,</i>	Brooklyn, N. Y.
Burrows, Emma, <i>Teacher,</i>	Roslindale.
Clarke, Emily A.	Allston.
Cravens, Annie Laura, <i>Principal, City School,</i>	Lexington, Ky.
Dadmun, Mary H., <i>Teacher of Elocution, High School, Long Branch, N. J.</i>	Newtonville.
Driver, Emma McCulloch, <i>Teacher, Beverly,</i>	Weston.
Dukes, Ella M., <i>Teacher of English, High School, Salt Lake City,</i>	Salt Lake City, Utah.
Fay, Rose Helen, <i>Teacher, Principal of Alpine Public School, Bergen Co., N. J.</i>	Long Branch, N. J.
Foulke, Clara,	Philadelphia, Pa.
Houghton, Jennie C., <i>First Assistant, Public School, Kansas City, Mo.</i>	Kansas City, Mo.
Howell, Ida V., <i>Teaching,</i>	Middletown, Del.
Hurley, Margaret T., <i>Teacher of Reading,</i>	Fall River.
Hyde, Grace E.	Malden.
Mason, Charles, <i>Superintendent of Schools,</i>	Morristown, Tenn.
Murch, Marietta S., <i>First Assistant, Mather Grammar School,</i>	Dorchester.
Robinson, Morgan Poitiaux, <i>McGuire's School,</i>	Richmond, Va.
Shaw, Harriet E., <i>Teacher, Public School,</i>	Rochester, N. Y.
Smith, Robert Henry, <i>Instructor in Machine Tool Work, Massachusetts Institute of Technology,</i>	Boston.
Speakman, Mary E., <i>George School,</i>	New Town, Pa.
Stalker, Mary G., <i>Teacher,</i>	Worcester.
Street, Violet K., <i>Pupil, Girls' High School,</i>	Boston.

Sweet, Allan K., *Instructor in Metal-working, Manual Training School,*
 Taylor, Sarah M., *Principal, Training School,*
 Ulander, M. Christine, *Teacher, Public School,*
 Wells, Anna M., *Teacher, High School,*
 Yerkes, Helen K., *Assistant Teacher, Grammar School,*

Cambridge.
 Portland, Me.
 Waco, Texas.
 Rochester, N. Y.
 Philadelphia, Penn.

ENGLISH B.

STUDENTS.

Anderson, Isaac M., A.B. (*Augustana Coll.*), *Instructor, Red Wing Seminary,*
 Bailey, Florence Kate, A.B. (*Smith Coll.*), *Assistant, Stevens High School,*
 Beede, Frank Herbert, A.B. (*Yale Univ.*), *Principal, High School,*
 Camp, Esther Louise, *Teacher of English, Saint Katharine's Hall, Davenport, Iowa,*
 Chick, Nellie May, A.B. (*Boston Univ.*), *Teacher of Mathematics, High School, Marlborough,*
 Cravens, Fannie Ora,
 Ferris, Susan Whann, B.L. (*Del. Coll.*), *Preceptress, Western Md. College,*
 Grothusen, Gertrude Louise, *Student,*
 Hill, Cora M., *Preceptress, Ellenville Academy, Ellenville, N. Y.*
 Lynne, May, CAMBRIDGE HIGHER LOCAL (*London, Eng.*), *Teacher of English, Alinda Private School,*
 Nott, Celia Parker, *Teacher,*
 O'Donnell, James J., A.B. (*Holy Cross Coll.*), *Teacher of Latin, High School,*
 Peaslee, Arthur Newton, A.B. (*Bates Coll.*), *Student, Episcopal Theological School,*
 Potter, Mary Knight, *Student,*
 Ross, Jessie I., *Teacher, Franklin Academy,*
 Smith, Lydia Rebecca, A.B. (*Kent's Hill, Me.*), *Teacher of English, Gould Academy, Bethel, Me.*
 Tryon, Ellen Isabel, *Teacher, Ogontz School, Pa.*
 Vandercook, Mrs. M. E., *Teacher of English, Adelphi Academy,*
 Vickroy, Wilhelm Rees, PH.B. (*Washington Univ.*), *Assistant, Manual Training School,*
 Whittredge, Aroline Frances,

Red Wing, Minn.
 Claremont, N. H.
 Willimantic, Conn.
 Newtown, Conn.
 Chelsea.
 Lexington, Ky.
 Westminster, Md.
 Boston.
 Canajoharie, N. Y.
 Pittsburg, Pa.
 Wakefield.
 Holyoke.
 Cambridge.
 Wareham.
 Malone, N. Y.
 Wayne, Me.
 Cambridge.
 Brooklyn, N. Y.
 St. Louis, Mo.
 Lynn.

ANGLO-SAXON.

A course in Anglo-Saxon was given in the summer of 1894, by Mr. W. HENRY SCHOFIELD. Lectures, two hours in length, were given five days in the week for six weeks. The whole of Bright's *Anglo-Saxon Reader* was read in class; and, in connection with this, there was a thorough and constant drill in inflections and Phonology with reference to the Sieners-Cook *Old English Grammar*. The selections read were also dealt with from literary and historical standpoints.

STUDENTS.

Benson, Albert Emerson, A.B. (<i>Harvard Univ.</i>), <i>Teacher of English, St. Mark's School,</i>	Southborough.
Brown, Arthur Charles Lewis, A.B. (<i>Harvard Univ.</i>), <i>Student,</i>	Geneva, N. Y.
Koch, Theodore Wesley, A.M. (<i>Harvard Univ.</i>),	Philadelphia, Pa.
Krauss, Mrs. Alice May, <i>Teacher of English, High School, Lexington,</i>	Malden.
Lester, Ordella A., <i>Teacher of Literature, Adelphi Academy,</i>	Brooklyn, N. Y.
Martin, Mrs. Emma Herron, A.B. and A.M. (<i>Illinois Wesleyan University</i>),	Lynchburg, Va.
Robinson, Eleanor, <i>Teacher, Private School,</i>	St. John, N. B.
Stevenson, Martha Cornelia, <i>Teacher of English, Central High School,</i>	Minneapolis, Minn.
Wooster, Marilla C., Ph.M. (<i>Michigan Univ.</i>), <i>Teacher of Literature, High School,</i>	Clinton, Ia.

GERMAN.

Two courses in German were given in the summer of 1894: one Elementary, the other Advanced.

Similar courses will be given in the summer of 1895.

ELEMENTARY COURSE.

STUDENTS.

Allis, Fannie Augusta, A.B. (<i>Smith Coll.</i>), <i>Teacher of Modern Languages and Assistant, High School, Putnam, Conn.,</i>	Arlington.
Briggs, Isobel L.,	Boston.
Bullard, Chas., <i>Student, Harvard University,</i>	Somerville.

Clagg, J. Henry, <i>Principal of Grammar School,</i> <i>Southwick,</i>	Barnstable.
Follett, Mary Parker, <i>Student,</i>	Quincy.
Nason, Mrs. Henry B.,	Troy, N. Y.
Pope, Herbert, <i>Student, Harvard University,</i>	Cleveland, O.
Pratt, Frederick Haven, <i>Student, Harvard University,</i>	Worcester.
Reese, John B., <i>Superintendent of Schools,</i>	Ridgway, Pa.

ADVANCED COURSE.

STUDENTS.

Adams, Edward Max, <i>Student, Harvard University,</i>	Buffalo, N. Y.
Cushing, Kate W., <i>Teacher, Assistant in High School, East Boston,</i>	Cambridge.
Kendrick, Laura M., <i>Teacher, Prince School, Boston,</i>	Newton Highlands.
Pinkerton, Mrs. Grace Gibson, <i>Teacher, High School, Fern Bank,</i>	Cincinnati, O.
Saldaña, Edward E., <i>Student, Harvard University,</i>	Boston.
Whittren, Jacob P., <i>Student, Harvard University,</i>	
Wise, Margaret T., <i>Teacher, Winthrop School,</i>	Boston.

FRENCH.

Two courses in French were given in the summer of 1894 by Assistant Professor SANDERSON: one Elementary and the other Advanced.
Similar courses will be given in the summer of 1895.

ELEMENTARY COURSE.

STUDENT.

Bird, Emma T., <i>Student,</i>	Cambridge.
Comins, Mrs. Sarah A., <i>Student,</i>	Boston.
Drysdale, George Arrowsmith, Jr., <i>Student, King's College, Windsor, N. S.,</i>	Everett,
Marsh, Minnie M., <i>Principal, High School,</i>	Denison, Texas.
Otis, W. Irving, <i>Student,</i>	Chicago, Ill.
Parker, U. S., B.A. (<i>Highland Park Coll.</i>), <i>Principal of Public Schools, Massena, Ia.</i>	Ft. Calhoun, Neb.
Pratt, Frederick Haven, <i>Student, Harvard University,</i>	Worcester.
Reese, John B., <i>Superintendent of Schools,</i>	Ridgway, Pa.
Stallman, Catherine S., <i>Teacher, Public School,</i>	Rochester, N. Y.

ADVANCED COURSE.

STUDENTS.

Eastman, Clarence Willis, S.B. (*Worcester Polytechnic Inst.*), *Instructor in French and German, Polytechnic Institute,*
Easton, Emma Gould,
Greenfield, Arthur Dustan, A.B. (*Harvard Univ.*),
Student, Harvard University,

Worcester.
Cambridge.

Clifton, S. I., N. Y.

HISTORY AND ART OF TEACHING.

Twelve lectures on the History of Education, and eight lectures on Educational Aims and Methods with special reference to Secondary Education. Each lecture centered on the work of some educational reformer, and the student was led throughout to trace the historical evolution of present educational ideals and practices. Prescribed reading with the reports.

The work in educational aims and methods comprised a discussion of the principles on which courses of study should be based, and a critical examination of existing and proposed courses of study. The course was conducted by Assistant Professor PAUL H. HANUS.

A similar course will be given in the summer of 1895, together with lectures in Psychology applied to Teaching, the Study of Children, and School Hygiene.

STUDENTS.

Broughall, George Herbert, B.A. (*Trinity Coll., Toronto*), *Assistant Master, Trinity College School,*
Harris, Thaddeus William, PH.D. (*Harvard Univ.*),
Superintendent of Schools,
King, Isabel, *Director, Normal School, Goya, Argentine Republic,*
Leadbetter, Maud Gertrude, *First Assistant, Charles Sumner School, Boston,*
Olmsted, Frank L., A.B. (*Harvard Univ.*), *Master, Rugby School, Kenelworth, Ill.*
Smith, Robert Henry, *Instructor in Machine Work, Massachusetts Institute of Technology,*
Sweet, Allan K., *Instructor in Metal-working, Manual Training School,*
Wadsworth, Arthur Clinton, *Superintendent of Academic Department, Adelphi Academy,*

Port Hope, Ont.

Keene, N. H.

Newton, Mass.

Roslindale.

[N. Y.]
Saratoga Springs,

Boston.

Cambridge.

Brooklyn, N. Y.

PSYCHOLOGY.

During the summer of 1894 two courses in Psychology were given by Professor MÜNSTERBERG.

COURSE A. — Daily lectures illustrated by experiments in the Psychological Laboratory.

COURSE B. — (Open only to students taking Course A.) Practical work in the Laboratory.

COURSE A.

STUDENTS.

Armstrong, Arthur Wellesley, A.B. (<i>Acadia Univ.</i>), <i>Principal, Damon School,</i>	Hyde Park.
Austin, Miss E. A.	Dorchester.
Benham, Mrs. Josephine (<i>Ann Arbor</i>), <i>Teaching,</i>	Indianapolis, Ind.
Boyer, Charles C., PH.D. (<i>Univ. of Wooster</i>), <i>Pro-</i> <i>fessor of Languages and Pedagogics, Keystone</i> <i>Normal School,</i>	Kutztown, Pa.
Broughall, George Herbert, B.A. (<i>Trinity Coll.,</i> <i>Toronto</i>), <i>Assistant Master, Trinity College</i> <i>School,</i>	Port Hope, Ont.
Carman, Ada, <i>Psychology and English, Smallwood</i> <i>School,</i>	Washington, D. C.
Clark, Grace, <i>Teacher, Hartford, Conn.</i>	Dorchester.
Coffin, Harry Richards, <i>Student, Harvard Uni-</i> <i>versity,</i>	Brookline.
Dailey, Charlotte F.,	Providence, R. I.
Deerwester, Frank, B.S.D. (<i>State Normal School,</i> <i>Warrensburg, Mo.</i>), <i>Assistant in Mathematics</i> <i>and Pedagogy, State Normal School, Mo.</i>	Warrensburg, Mo.
Dyer, J. O., PH.B. (<i>Yale Univ.</i>), LL.B. (<i>Tulane</i> <i>Coll.</i>), <i>Attorney-at-Law,</i>	Galveston, Texas.
Forsyth, Louise, <i>Teacher of Elocution and Aesthetic</i> <i>Physical Culture,</i>	New York, N. Y.
Hageman, Lee Walker, <i>Student, Harvard Uni-</i> <i>versity,</i>	St. Louis, Mo.
Hammett, Elizabeth, <i>Principal, Fall River Train-</i> <i>ing School,</i>	Newport, R. I.
Harper, Charles Frederick, A.B. (<i>Brown Univ.</i>), <i>Principal, High School,</i>	Walpole.
Hill, Cora M., <i>Preceptress, Ellenville Academy,</i> <i>Ellenville, N. Y.</i>	Canaoharie, N. Y.

Hine, Roderick W., A.B. (<i>Yale Univ.</i>), <i>Superintendent of Schools</i> ,	Dedham.
Julbe, Julio Juan, <i>Student, Harvard University</i> ,	Havana, Cuba.
Kelley, Augustus H., A.M. (<i>Colby Univ.</i>),	Boston.
King, Isabel, <i>Director, Normal School, Goya, Argentine Republic</i> ,	Newton.
King, Rachel, <i>Vice-Director, Normal School, Goya, Argentine Republic</i> ,	Newton.
Mirick, George A., A.B. (<i>Amherst Coll.</i>), <i>Superintendent of Schools, Northborough</i> ,	Cambridge.
Oppenheimer, Adèle, <i>Student, Radcliffe College</i> ,	New York.
Oppenheimer, Bernard Sutro, <i>Student, Harvard University</i> ,	Cambridge.
Orndorff, Asa, A.M. (<i>Maryville, Tenn.</i>), <i>Clergyman</i> ,	Cincinnati, O.
Owen, Lincoln, A.M. (<i>Colby Univ.</i>),	Boston.
Phelan, B. Maria, <i>Principal of Teachers' Training School</i> ,	St. Paul, Minn.
Pope, Herbert, <i>Student, Harvard University</i> ,	Cleveland, O.
Smith, Frank Webster, A.M. (<i>Harvard Univ.</i>), <i>Instructor in Classics and General History, State Normal School</i> ,	Westfield.
Smith, Lyman Gorham, A.B. (<i>Harvard Univ.</i>), <i>Assistant Principal, High School</i> ,	Ansonia, Conn.
Smith, Therdote Louise, A.M. (<i>Smith Coll.</i>), <i>Student, Yale University</i> ,	Framingham.
Sogard, John, B.D. (<i>Iowa State Normal School</i>), <i>Principal, Grammar School</i> ,	Pueblo, Colo.
Stratton, George Malcolm, A.M. (<i>Yale Univ.</i>), <i>Instructor in Philosophy, University of California</i> ,	Berkeley, Cal.
Thompson, Frederick Putnam, <i>Student, Harvard University</i> ,	Boston.
Wade, John Ross, <i>Student, Harvard University</i> ,	Hulton, Pa.
Watson, Mary Holland, <i>Teacher, Private School, New York</i> ,	Newark, N. J.

COURSE B.

STUDENTS.

Armstrong, Arthur Wellesley, A.B. (<i>Acadia Coll.</i>), <i>Principal, Damon School</i> ,	Hyde Park.
Boyer, Chas. C., PH.D. (<i>Univ. of Wooster, O.</i>), <i>Professor of Languages and Pedagogics, Keystone Normal School</i> ,	Kutztown, Pa.

Clark, Grace, <i>Teacher, Hartford, Conn.</i>	Dorchester.
Coffin, Harry Richards, <i>Student, Harvard University,</i>	Brookline.
Deerwester, Frank, B.S.D. (<i>State Normal School, Warrensburg, Mo.</i>), <i>Assistant in Mathematics and Pedagogy, State Normal School, Mo.</i>	Warrensburg, Mo.
Dyer, J. O., PH.B. (<i>Yale Univ.</i>), LL.B. (<i>Tulane Coll.</i>), <i>Attorney-at-Law,</i>	Galveston, Texas.
Harper, Charles Frederick, A.B. (<i>Brown Univ.</i>), <i>Principal, High School,</i>	Walpole.
Julbe, Julio Juan, <i>Student, Harvard University,</i>	Havana, Cuba.
Kelley, Augustus H., A.M. (<i>Colby Univ.</i>),	Boston.
Owen, Lincoln, A.M. (<i>Colby Univ.</i>),	Boston.
Stratton, George Malcolm, M.A. (<i>Yale Univ.</i>), <i>Instructor in Philosophy, University of California,</i>	Berkeley, Cal.
Thompson, Frederick Putnam, <i>Student, Harvard University,</i>	Boston.
Wade, John Ross, <i>Student, Harvard University,</i>	Houlton, Pa.
Watson, Mary Holland, <i>Teacher, Private School, New York,</i>	Newark, N. J.

MATHEMATICS.

TRIGONOMETRY.

A course in Trigonometry was given in the summer of 1894, by Mr. JAMES L. LOVE. The course covered pretty thoroughly the elements of Plane Trigonometry. Lectures were given daily, accompanied by individual work with each member of the class in explanation of problems and exercises.

A course in Plane Trigonometry, and probably courses in Plane Analytic Geometry and in the Calculus, will be given in the summer of 1895. Announcement will be made early in the spring and descriptive circulars may be had on application to the *The Secretary of Harvard University.*

STUDENTS.

Andrews, Elizabeth J., <i>Teacher, Parkman Primary School,</i>	So. Boston.
Irwin, Grace Warren, <i>Teacher, High School,</i>	Plymouth.
Kennedy, Gilbert Falconer, <i>Student, Harvard University,</i>	Kingston, N. Y.
Lower, Henry Eastman, <i>Student, Harvard University,</i>	W. Cleveland, O.

Rich, Florence H., *Teacher, Franklin School,*
Boston,

Roxbury.

Wrenn, Robert Duffield, *Student, Harvard Uni-*
versity,

Highland Park, Ill.

DRAUGHTING AND DESCRIPTIVE GEOMETRY.

A course in Draughting and Descriptive Geometry was given by Mr. A. N. JOHNSON during the same period and at the same hours in the drawing rooms of the Lawrence Scientific School. The course comprehended the use of draughting instruments; the stretching and mounting of paper; lettering; problems in geometrical drawing; descriptive geometry, including problems in projection of points, lines, planes, and single and double curved surfaces and in the tangencies, intersections, and development of the same; tinting in india ink; shades and shadows, including the determination of brilliant lines and points, shade lines and shadows of plane and curved surfaces, and the shading of the same; isometric drawing; perspective, by the method of architects from plans, and by the method of artists from the object.

The course was made equivalent to the regular course of the Lawrence Scientific School known as Engineering 8a.

STUDENTS.

Arnold, Henry Ward Beecher, A.B. (*Brown Univ.*),
Teacher of Sciences and Mathematics, Kimball
Union Academy, Meriden, N. H.

Hopedale.

Gilley, Frank Milton, A.B. (*Harvard Univ.*), *In-*
structor of Physics and Chemistry, High School,

Chelsea.

Hileland, Lorenzo D., *Teacher in Mechanical Work,*

Dover, Del.

Hood, Richard Percival, A.B. (*Harvard Univ.*),

Longwood.

Jutten, Benjamin Chauncey, A.B. (*Harvard Univ.*),
Student, Harvard University,

Fall River.

MacCreedy, Edwin E., *Instructor of Manual Train-*
ing, Grammar School, Dorchester,

Jamaica Plain.

Manyoun, Michael Joseph, *Student, De La Salle*
Institute,

New York City.

Stewart, James Scott, B.S., M.S. (*W. Va. Univ.*),
Professor of Mathematics, W. Va. Univ.

Morgantown, Va.

SOLID GEOMETRY.

A course in Solid Geometry was given by Mr. JAMES L. LOVE. It corresponded to the College course known as Mathematics E. The text-book used was *Chadwick's Geometry*, revised edition.

STUDENTS.

Andrews, Elizabeth J., *Teacher, Parkman Primary School,*
 Clark, Edward Lewis Center, *Student,*
 Danks, Harvey W., *Teacher, Public School,*
 Irwin, Grace Warren, *Teacher, High School,*
 Lane, Frank Edwin, A. B. (*Harvard Univ.*), *Teacher,*
Milton Academy, Milton,
 Marshall, John F., *Student,*

So. Boston.
 Cambridge.
 Plymouth, Pa.
 Plymouth.
 Arlington.
 Allston.

ENGINEERING.

TOPOGRAPHICAL SURVEYING.

A course in Topographical Surveying was given during the summer of 1894, beginning July 5, and continuing six weeks, by Mr. G. L. SWENDSEN. About eight hours per day were devoted to field or office work, including lectures, and the work of the course was made equivalent to the regular course in the Scientific School designated as Engineering 4a.

The course consisted of practical instruction in Topographical, Land, and City Surveying. Actual surveys were made, notes plotted, areas and volumes calculated, grades given, and maps completed in ink and colors. The instruction was intended to make the student familiar with the methods and instruments employed in surveying, and to enable him to perform the operations of plane surveying, leveling, and plotting.

The Scientific School building was open during the summer, and the School used its rooms and instruments.

STUDENTS.

Burwell, Ellbeck Mason, *Civil Engineer,*
 Coope, Harry, *Student, Rose Polytechnic Institute,*
Terre Haute, Ind.
 Jenney, Lester Winfield, *Student,*
 Lawson, George P., *Student,*
 Mahoney, Daniel Lulus, *Student,*
 Makepeace, John Crocker,
 Montague, Samuel Skerry,
 Moriarty, M. M. S., A. B. (*Holy Cross Coll.*), *Teacher,*
High School,
 Savary, Arthur Bourne, *Student,*
 Tanner, C. A.

New York, N. Y.
 Cincinnati, O.
 Mattapoissett.
 Boston.
 Charlestown.
 W. Barnstable.
 Oakland, Cal.
 Holyoke.
 E. Wareham.

RAILWAY SURVEYING.

The course in Railway Surveying included problems in simple and compound curves, turnouts, economics of location, and earthworks; and reconnoissance, preliminary, and location surveys of a railway, including estimates, bills of materials, specifications, and contract for the construction of the same. The surveys were mapped, cross-sections plotted, and the work made as practical in its character as possible.

STUDENTS.

Bernard, Bixby R., <i>Student</i> ,	New York, N. Y.
Haggerty, John J., B.S. (<i>Manhattan Coll.</i>), <i>Professor of Chemistry</i> ,	New York, N. Y.
Thomas, B. C.	New York, N. Y.

ELECTRICAL ENGINEERING.

During the summer of 1894 a course on the Industrial Applications of Electricity was given in the new electrical shop and testing room, under the instruction of Mr. C. A. ADAMS. The course covered nearly the same ground as Engineering 16c and 16d, and consisted principally in the study of the theory of Electrical Machinery, and practice in the design and construction of the same. The work included an experimental study of the magnetic properties of several varieties of iron, also complete tests of dynamos and motors.

The work occupied eight hours per day for five days a week with a holiday on Saturday.

Lectures were given once or twice each day, explanatory of the work done in the laboratory and shop.

Frequent visits were made, during the course, to electric light and power stations in the vicinity of Boston.

STUDENTS.

Blades, Harry Hartwell, <i>Student</i> ,	Detroit, Mich.
French, Thomas, Jr., PH.D. (<i>Heidelberg Univ.</i>), <i>Professor of Physics, University of Cincinnati</i> ,	Cincinnati, O.
Getschmann, R., <i>Private Teacher of German</i> ,	Watertown, N. Y.
Holmes, Jesse Herman, PH.D. (<i>Johns Hopkins Univ.</i>), <i>Teacher of Chemistry and Physics, George School</i> ,	Newtown, Pa.

A similar course will be given in the summer of 1895, beginning Thursday, July 5, and continuing five weeks. The fee for this course will be \$30.

ELECTRICITY AND ELECTRICAL TESTING.

In addition to the above, a course in "Electricity and Electrical Testing" was given during the summer of 1894. This course covered briefly the ground of Elementary Electricity, giving the student a knowledge of the principles underlying the methods of electrical testing, as well as practice in the manipulation of electrical apparatus. During the latter part of the course, the students were far enough advanced to take up the elementary principles of dynamo-electric machinery and do some testing of the same.

STUDENTS.

Sanford, Linus, Jr., *Student, Rose Polytechnic Institute, Terre Haute, Ind.*

Jackson, Mo.

Tappan, Frederic,

Boston. [Brazil.

Brandes, Juan Felix, *Student,*

Buenos Aires,

A similar course will be given during the summer of 1895, beginning Thursday, July 5, and continuing five weeks. The fee for this course will be \$30.

For further information, address C. A. ADAMS, *Instructor in Electrical Engineering*, 13 Farrar St., Cambridge, Mass.

PHYSICS.

ELEMENTARY COURSE.

1. A course in Experimental Physics covering approximately the ground of "Physics B" of the College course and especially adapted to the needs of teachers of Physics in preparatory schools was given by Mr. J. Y. BERGEN, Jr., in the Jefferson Physical Laboratory in the summer of 1894.

A similar course will be given in the summer of 1895.

STUDENTS.

Adams, Fidelia Augusta, *Second Assistant, Gibson Grammar School, Boston,*

Roxbury.

Barton, George C., A.B. (*Dartmouth Coll.*), *Teacher,*

Woburn.

Bibber, Harold Thornton, *Student,*

Bath, Me.

Brackett, Elmer H., A.B. (*Bates Coll.*), *Principal, High School,*

Canton.

Burns, James A., A.B. (*Notre Dame*), *Assistant in Chemical Laboratory,*

Notre Dame, Ind.

Clarke, Helen Carroll, *Student, Pratt Institute,*

Brooklyn, N. Y.

Cook, Charles Fred, A.B. (*St. Lawrence Univ.*), *Sub-principal, Cony High School,*

Augusta, Me.

Cutler, Jane Ruth, A.B. (*Smith Coll.*), *Assistant Teacher, High School, Winchester,*

Somerville,

- Eames, Emma F., *Teacher of Science, High School, Bridgeport, Conn.*
 Elliott, Harriett V., *Principal of High School, Wilmington,*
 Flandrau, Charles Macomb, *Student, Harvard University,*
 Furber, William Horace, A.M. (*Colby Univ.*), *Submaster, Prescott School, Boston,*
 Griffith, Mary Dechert, *Teacher of Physics, Girls' High School,*
 Hartshorn, Stewart Henry, *Student, Short-Hills Academy,*
 Hervey, Allan Moore, *Student, Harvard University,*
 Holt, Ira W., A.M. (*Dartmouth Coll.*), *Principal, High School,*
 Ill, Bernard J., A.B. (*Notre Dame*), *Student,*
 Jackson, William Thomas, A.B. (*Harvard Univ.*), *Instructor, High School, Pawtucket, R. I.,*
 Klepner, H. V., A.B. (*Ohio Wesleyan Univ.*), *Science Department, High School,*
 Leadbetter, Florence E., *Assistant, Horace Mann School, Boston,*
 Leonard, Merton C.,
 Lilley, Sarah M., *Teacher, Perkins Institute, South Boston,*
 Lyman, Willis, *Student, Harvard University,*
 McCarthy, John J., *Leather Manufacturer,*
 McCarthy, John Joseph, *Student, Harvard University,*
 Mackie, Wendell, *Student, Harvard University,*
 Marseilles, Wm. P., *Student, Harvard University,*
 Martin, Oscar, A.M. (*Ohio Wesleyan Univ.*), *Teacher of Physics and Chemistry, Cincinnati, O.*
 Mulliner, Mary Rees, *Student, Boston University,*
 Nutter, Attalena, A.B. (*Maine Wesleyan Female Coll.*), *Teacher, Private School, Boston,*
 Pough, F. H., *Assistant Instructor, Pratt Institute,*
 Ransom, George Washington, A.B. (*Dartmouth Coll.*), *Henry L. Pierce School,*
 Richards, Pryce Devereux, *Member of London University, Teacher of Mathematics, St. Austin's School,*
 Rose, Pierre La, *Student, Harvard University,*
- Reading.
 Everett.
 St. Paul, Minn.
 Allston.
 Philadelphia, Pa.
 Short-Hills, N. J.
 Lynn.
 Arlington.
 Notre Dame, Ind.
 Seaton, Ill.
 Pueblo, Col.
 Roslindale.
 Bridgewater.
 Auburn.
 East Orange, N. J.
 Boston.
 Titusville, Pa.
 Boston.
 Philadelphia, Pa.
 Loveland, O.
 Camden, N. J.
 Providence, R. I.
 Brooklyn, N. Y.
 Boston.
 Staten Island, N. Y.
 Catskill, N. Y.

Sanborn, Fletcher Greene, <i>Conductor N. Y., N. H. & H. R. R.</i> ,	Hull.
Smith, Melven Monroe, A.M. (<i>Colby Univ.</i>), <i>Teacher of Physics and Chemistry, High School</i> ,	Dover, N. H.
Thompson, Anna F., <i>Teacher Public School</i> ,	Summit, N. J.
Tower, George Warren, Jr., A.B. (<i>Harvard Univ.</i>),	So. Boston.
Turner, Anne Louisa, <i>Assistant in Department of Chemistry and Physics, Normal School</i> ,	Philadelphia, Pa.
Twilley, Irving L., A.M. (<i>Washington Coll.</i>), <i>Superintendent of Public Schools, Smethport</i> ,	Baltimore, Md.
Willis, Guy C., <i>Student</i> ,	Allston.
Woolman, Elizabeth Naomi, <i>Teacher in Department of Physics and Chemistry, Normal School, Philadelphia</i> ,	Lansdowne, Pa.

ADVANCED COURSE.

2. A higher course in Experimental Physics, covering the ground of the sixty experiments required for admission to College (Advanced Standing, No. 8), and substantially covering the ground of "Physics C" of the College course, was also given by Mr. W. C. Sabine in the Jefferson Physical Laboratory in the summer of 1894.

STUDENTS.

Attwill, William Henry, <i>Student, Harvard University</i> ,	Cambridge.
Blackwell, Howard L., <i>Student</i> ,	East Orange, N. J.
Canfield, Nellie Hette, A.B. (<i>Vassar Coll.</i>), <i>Teacher, Central High School</i> ,	Cleveland, O.
Frederick, O. D., M.E. (<i>State Normal School, West Chester, Pa.</i>), <i>Instructor in Mathematics, Normal School</i> ,	West Chester, Pa.
Fraser, Henry Edward, A.B. (<i>Harvard Univ.</i>), <i>Teacher</i> ,	East Boston.
Hankinson, Frank, M.E. (<i>State Normal School, West Chester, Pa.</i>), <i>Teacher of Mathematics, Boys' High School</i> ,	Reading, Pa.
Hodges, Arthur Webster, <i>Student, Harvard University</i> ,	Newton Centre.
Ives, James Edmund, <i>Assistant in Physics, Drexel Institute</i> ,	Philadelphia, Pa.
Johnstone, Mary Margaret Sewall, A.B. (<i>Smith Coll.</i>), <i>Student, Johns Hopkins University</i> ,	Newburyport.

Kelsey, Wm. Hargrave, <i>Student, Harvard University,</i>	Cambridge.
Kennedy, Gilbert Falconer, <i>Student, Harvard University,</i>	Kingston, N. Y.
Knapp, Allen H., <i>Principal, City High School,</i>	New Castle, Del.
Krout, Charles Allen, A.M. (<i>Wittenberg Coll.</i>), <i>Principal, High School,</i>	Tiffin, O.
Lowe, Frederick McKedrie, <i>Student, Harvard University,</i>	Lathrop, Mo.
Martin, Fernando Wood, PH.D. (<i>Syracuse Univ.</i>), <i>Professor of Chemistry, Randolph-Macon Woman's College,</i>	Lynchburg, Va.
Mauriac, P. H. De, <i>Student, Harvard University,</i>	New York, N. Y.
Monks, Lester Hawthorne, <i>Hopkinson's School,</i>	Brookline.
Murchie, Guy G., <i>Student, Harvard University,</i>	Calais, Me.
Rothermel, Amos C., A.M. (<i>Franklin and Marshall Coll.</i>), <i>Teacher of Physics, Keystone Normal School,</i>	Kutztown, Pa.
Sanford, Morgan Rich, M.S. (<i>Syracuse Univ.</i>), <i>Teacher in Science, Wesleyan Academy,</i>	Wilbraham.
Sargent, Porter Edward, <i>Student, Harvard University,</i>	San Bernardino, Cal.
Snow, Clarence, <i>Student, Harvard University,</i>	St. George, Utah.
Soule, William Lamson, A.B. (<i>Colby Univ.</i>), <i>Student, Boston University, School of Medicine,</i>	Boston.
Wheeler, Arthur Lincoln, A.B. (<i>Brown Univ.</i>), <i>Mathematics and Science, Manual Training High School,</i>	Providence, R. I.
Wood, Herbert Carroll, A.B. (<i>Amherst Coll.</i>), <i>Instructor in Physics, Central High School, Cleveland, O.</i>	Haverhill.

A similar course will be given in the summer of 1895. A provisional list of the experiments performed in this course will be mailed on application.

Applications or inquiries concerning both courses may be addressed to W. C. SABINE, Conant Hall 17, Cambridge.

CHEMISTRY.

During the summer of 1894 the chemical laboratories in Boylston Hall were open from July 6 to August 16 inclusive, and courses of instruction in the Fundamental Principles of Chemistry, Qualitative Analysis, Quantitative Analysis, and Organic Chemistry were given by Mr. JOSEPH TORREY, Jr., Director of the courses, Mr. S. CALVERT, Mr. H. E. SAWYER, Mr. F. L. DUNLAP, and Mr. F. B. GALLIVAN.

FUNDAMENTAL PRINCIPLES OF CHEMISTRY.

This course is especially adapted for beginners, and consists of a series of experiments, performed in the laboratory by the student himself, under the supervision of the Instructors. The experiments are supplemented by illustrated lectures, at least twice a week, upon theoretical and descriptive chemistry. Both experiments and lectures are designed to teach the general laws and doctrines of chemical science, and the object sought is to lead the student not only to observe the fundamental facts of chemistry, but also to grasp the connection between the facts and the underlying principles. By this method it is hoped to make the special discipline of chemical studies more effective.

The general method of the course is that set forth in the pamphlet published by the University, which indicates the nature and extent of the requisitions in Chemistry for admission to Harvard College, for candidates who substitute Chemistry for a portion of their Latin or Greek. This course is therefore especially adapted to teachers of secondary schools which prepare for Harvard College, and to students about to enter the College under the new requisitions, who have not had opportunities for laboratory work. The instruction is given in a laboratory especially arranged for this course, and the execution of the experiments by the aid of the simpler and cheaper forms of apparatus is made a prominent feature.

The instruction in this course was given by Mr. TORREY, who was assisted in the laboratory by Mr. CALVERT and Mr. GALLIVAN.

STUDENTS.

Baxter, Dolly Ann, *Teacher*,
 Bird, Robert Clark, *Student, Harvard University*,
 Bradt, Cecilia Katherine, *Teacher*,
 Brewer, Myron Luther, A.B. (*Harvard Univ.*),
Principal, High School, West Boylston,
 Cleary, Margaret, *Student, Abbott Academy, Andover*,
 Cook, Oliver R., A.M. (*Bowdoin Coll.*), *Principal*,
Braintree High School,
 Dinsmore, John Wirt, *Superintendent of Public*
Schools,
 Edmonds, Isabel, *Teacher, High School*,
 Everett, Margaret M., *Teacher of Domestic Economy*,
Private School, Dobbs Ferry, N. Y.
 Gleason, Ida Childs, *Assistant in High School*,
Tewksbury,
 Goodwin, Cora B., *Teacher of Science, High School*,
Franklin,

Quincy.
 Cambridge.
 Cambridge.
 Wilbraham.
 Lawrence.
 So. Braintree.
 Humboldt, Neb.
 Waco, Tex.
 Potsdam, N. Y.
 W. Brookfield.
 Windham, N. H.

Hunter, Herbert Colman, <i>Student, Harvard University,</i>	So. Natick.
Kline, Linus Ward, L.I. (<i>Peabody Normal Coll., Nashville, Tenn.</i>), <i>Student, Harvard University,</i>	Calverton, Va.
Livermore, Adelaide Lunette, <i>Teacher of Science and Mathematics, High School, Nutley, N. J.</i>	Woodbury, N. J.
Look, James B., <i>Student,</i>	Somerville.
Loomis, Herbert Norton, <i>Teacher of Science, State Normal School, New Haven,</i>	Liberty Hill, Conn.
Norris, William Alexander, <i>Student,</i>	So. Boston.
Olin, John Russell, A.B. (<i>Hobart Coll.</i>), <i>Instructor in Sciences and Mathematics, High School,</i>	Watertown, N. Y.
Osborne, Winfred Horton, <i>Student, Harvard University,</i>	Fayetteville, N. Y.
Peacock, Mary Craig, <i>Assistant in Department of Chemistry and Physics, Normal School, Philadelphia,</i>	Holmesburg, Pa.
Perley, William Marshall,	Medford.
Pierce, Lucy Hayward, <i>Student, Pratt Institute, Brooklyn, N. Y.,</i>	Providence, R. I.
Potter, George Sabine, Jr., A.B. (<i>Harvard Univ.</i>), <i>Instructor, Private School, Boston,</i>	Cambridge.
Prevaux, John Jacob, <i>Carriage Builder,</i>	Amesbury.
Roberts, Wm. E., <i>Supervisor, Manual Training and Public Schools,</i>	Cleveland, O.
Rollins, Frank, A.B. (<i>Wesleyan Univ.</i>), <i>Master in Newton High School,</i>	Newtonville.
Short, Mabel A., B.A. (<i>Smith Coll.</i>), <i>Teacher of Sciences, Scoville Place. Oak Park, Ill.</i>	Oak Park, Ill.
Snydam, Eugénie, <i>Teacher of Science, Public Schools,</i>	New Orleans, La.
Torrey, Emeline E., <i>Teacher, Boston Public Schools,</i>	Roxbury,
Tracy, Olivia, <i>Teacher of Domestic Economy, Private School, Dobbs Ferry, N. Y.</i>	Worcester.
Wallace, Charles Marmont, <i>Student, Massachusetts Institute Technology,</i>	Providence, R. I.
White, Charles Dunning, A.S. (<i>Princeton Coll.</i>), <i>Private Tutor,</i>	Summit, N. J.

QUALITATIVE ANALYSIS.

In this course the student, having first observed the characteristic reactions of the most important basic and acid radicals, has practice in deducing methods of analysis based upon his own observations; after which a large

number of simple and mixed salts, minerals, alloys, etc., are analyzed, the course being exactly similar to Chemistry 3, as given in the College.

The instruction in this course was given by Dr. SAWYER.

STUDENTS.

Balcomb, E. E., <i>Teacher of Chemistry and Biology, Oregon State Normal School,</i>	Monmouth, Ore.
Carson, George Prentice, A.M. (<i>Wesleyan Univ.</i>), <i>Professor in Natural Sciences, Stetson University,</i>	DeLand, Fla.
Coonley, Avery, A.B. (<i>Harvard Univ.</i>), <i>Student, Massachusetts Institute of Technology,</i>	Chicago, Ill.
Edwards, Harold, <i>Student, Harvard University.</i>	Boston.
Hammond, Stephen Alexander, <i>Chemist Assistant, Harry Fairbanks, Student, Harvard University,</i>	Yarmouthville, Me.
Mackie, William Charles, <i>Student, Harvard University,</i>	Boston.
Merrick, Charles Irving, A.B. (<i>Harvard Univ.</i>),	Boston.
Morgan, Gwilym, B.A. (<i>Univ. of London</i>), <i>Teacher,</i>	Holyoke.
Parker, Edward Grahame, <i>Student, Harvard University,</i>	Norristown, Pa.
Paul, Luther Gordon, <i>Harvard University,</i>	Auburndale,
Whitaker, Linda Mary, <i>Teacher of Physics, Girls' Normal School, Philadelphia,</i>	Newton Centre.
Wolfe, Elmer Ellsworth, PH.D. (<i>Richmond, O.</i>), <i>Science and Latin, Collegiate Institute,</i>	Conshohocken, Pa.
	Fort Edward, N. Y.

QUANTITATIVE ANALYSIS.

This course is intended to give a training in the general methods of Quantitative Chemical Analysis, both gravimetric and volumetric, and is parallel to Chemistry 4, as given in the College. Each student works independently under the immediate oversight of the instructor, and is assigned problems suited to his attainments. The analysis of drinking-water, gases, fertilizers, furnace-products, or other commercial analyses, may be undertaken by the more advanced students.

The instruction in this course was given by Dr. ALLEN.

STUDENTS.

Coonley, Avery, A.B., (<i>Harvard Univ.</i>), <i>Student, Massachusetts Institute of Technology,</i>	Chicago, Ill.
Dyer, Frank Russell, A.M. (<i>Ohio Wesleyan Univ.</i>), <i>Principal, City High School,</i>	Wichita, Kan.

Foerste, August Frederic, PH.D. (<i>Harvard Univ.</i>),	Dayton, O.
McNear, Mary Isabella, <i>Principal, Trinity Parish Industrial School, New York City,</i>	Auburndale.
Parker, Harry George, A.M. (<i>William Jewell Coll.</i>) <i>Assistant in Natural Sciences, William Jewell College,</i>	Liberty, Mo.
Soper, George Albert, <i>Student, Rensselaer Polytechnic Institute,</i>	Troy, N. Y.
Thigpen, John Howard, A.B. (<i>Keachie Coll.</i>), <i>Professor of Science, Keachie Coll.,</i>	Keachie, La.
Torrey, Henry Augustus, A.B. (<i>Univ. of Vermont</i>), <i>Student, Harvard University,</i>	Burlington, Vt.
Washburn, Thurlow, <i>Student, Massachusetts Institute Technology,</i>	Morristown, N. J.

ORGANIC CHEMISTRY.

This course consists of instruction and practical work in the organic laboratory, including organic analysis and the different methods peculiar to this branch of the science. Lectures are given describing the various classes of carbon compounds, their behavior, methods of preparation, etc.; there is also discussion of the general problem of molecular structure, to indicate the spirit in which this class of investigations is undertaken. The laboratory is open also to students having a previous knowledge of the subject, who may desire to pursue special lines of study.

The instruction in this course was given by Mr. DUNLAP.

STUDENTS.

Allen, Charles Morse, M.A. (<i>Wesleyan Univ.</i>), <i>Instructor in Chemistry, Pratt Institute,</i>	Brooklyn, N. Y.
Beckler, Alice H., S.B. (<i>Mass. Inst. Tech.</i>), <i>Teacher of Science, Pratt Institute, Brooklyn, N. Y.</i>	So. Boston.
Boland, Mary A., <i>Student, Massachusetts Institute of Technology,</i>	Jamaica Plain.
Boynton, William Pingry, A.M. (<i>Dartmouth Coll.</i>), <i>Student, Clark University,</i>	Los Angeles, Cal.
Childs, Edward Powell, B.S. (<i>Denison Univ.</i>), <i>Acting Professor of Physics and Chemistry, Denison University,</i>	Granville, O.
Forsythe, Robert Jay, A.B. (<i>Harvard Univ.</i>), <i>Student, Harvard University,</i>	Braintree.
Howe, William Thomas Hildrup, PH.B. (<i>Yale Univ.</i>), <i>Instructor in Organic Chemistry, Yale University,</i>	New Haven, Conn.

Hurlburt, Mary Frelinghuysen, A.M. (*Wellesley Coll.*), *Instructor in Physics and Chemistry, Wilson College, Chambersburg, Pa.*

Bloomfield, N. J.
Alexandria, Va.

Suter, Frank, A.M. (*Columbian Univ.*), *Teacher,*

Courses in Chemistry similar to those described above will be given during the summer of 1895, beginning at about the same date and continuing for six weeks. The fee for each course is \$25, payable on entering, and an additional charge of \$10 is made for material consumed by the student. Besides this, all apparatus broken by the student is charged to his account; this charge has averaged from \$1 to \$4, according to the course taken and the care used by the student. To cover both of these charges, a deposit of \$15 is required on entering, and whatever balance remains is returned when the student closes his account.

The summer classes are offered the same facilities for laboratory work that are open to students during the academic year, and the courses furnish to those interested in the science of Chemistry, whether students or teachers, an opportunity for gaining a good practical knowledge of that science in its various branches.

The College library may be used freely by the students in chemistry, and all the courses are open to women.

It is desirable that applications for places in the laboratory should be made as early as possible; for this purpose or for further information, address *The Secretary of Harvard University, Cambridge, Mass.*

BOTANY.

The summer course in Botany for 1894 was held at the Botanic Garden from June 28-Aug. 1. It was under the instruction of Mr. H. L. JONES, assisted by Mr. DUGGAR. The course consisted of laboratory work on Vegetable Morphology and Physiology, supplemented by lectures on the principles of Morphology, Histology and Physiology. Weekly excursions were made for the study and collection of the plants in the immediate vicinity.

STUDENTS.

Blake, Elsie M., *First Assistant Teacher, High School, Gardner,*

Wakefield, N. H.

Calkins, Clara C., *Instructor of Mathematics, Girls' High School,*

Brooklyn, N. Y.

Carhart, Ida M., *Teacher in Primary Methods, Botany and Drawing, State Normal School,*

Warrensburg, Mo.

Clafin, Jeannette, *Teacher,*

Toledo, O.

Hodge, Frederick H., A.B. (*Boston Univ.*), *Student,*

Fells.

Hodge, Mary Russell, <i>Student</i> ,	Plymouth.
Howell, Helen Phillips, <i>Teacher</i> , <i>Brookline High School</i> ,	Southold, L. I., N. Y.
Ireland, Ralph Preston, <i>Principal</i> , <i>Grammar School, Gloucester</i> ,	Dunbarton, N. H.
Jenney, Charles Ansel, (<i>Bridgewater Normal School</i>), <i>Teacher, Principal, Prospect School</i> ,	Brockton.
Kereven, Mary, <i>Teacher</i> ,	Philadelphia, Pa.
Kinney, Lorenzo Foster, B.Sc. (<i>Mass. Agricultural Coll.</i>), <i>Professor of Horticulture and Botany</i> , <i>Rhode Island College of Agriculture and Mechanic Arts</i> ,	Kingston, R. I.
Lamb, Sophia, <i>Teacher in Private School</i> ,	Utica, N. Y.
McClure, Edgar, A.M. (<i>Univ. of Oregon</i>), <i>Professor of Analytical Chemistry, University of Oregon</i> ,	Eugene, Ore.
McKissick, Jennie F., <i>Teacher, Third Assistant</i> , <i>Boston Public Schools</i> ,	Dorchester.
Metcalf, Haven, <i>Student</i> , <i>Colby University</i> ,	Winthrop, Me.
Miller, Sarah P., <i>Student</i> ,	Philadelphia, Pa.
Phelps, Anna Redfield, A.B. (<i>Vassar Coll.</i>), <i>Teacher of Sciences, Private School</i> ,	Utica, N. Y.
Richards, Anna Bullard, <i>Teacher</i> ,	Providence, R. I.
Ricker, Helen A., <i>Teacher</i> , <i>Noble School</i> ,	East Boston.
Robbins, Emily C., <i>Student</i> , <i>Private School</i> ,	Cambridge.
Rondthaler, E. W., <i>Teacher</i> , <i>Moravian Seminary</i> ,	Bethlehem, Pa.
Shannon, James Herbert, <i>Student</i> , <i>Harvard University</i> ,	Cambridge.
Stephens, Edwin Lewis, A.B. (<i>Louisiana State Univ. and A. and M. Coll.</i>), <i>Teacher of Science and Latin</i> , <i>State Normal School</i> ,	Natchitoches, La.

A similar course will be given in the summer of 1895; for detailed circulars or other particulars of which, address *The Secretary of Harvard University*, Cambridge, Mass.

CRYPTOGAMIC BOTANY.

A course consisting of laboratory work and lectures on general Cryptogamic Botany and Economic Mycology is offered for 1895. The greater part of the time will be devoted to the lower groups, but persons who desire it will be given an opportunity to study the higher Cryptogams. The object sought is a knowledge of structure, and development and classification as based upon them, with methods of obtaining desired results.

For particulars, address A. B. SEYMOUR, University Museum, Cambridge, Mass.

GEOLOGY.

Three courses in Geology were given during the summer of 1894.

COURSE S1.

An elementary course, beginning July 5, and lasting six weeks, was given at Cambridge by Dr. GEO. E. LADD. The course was parallel to Geology 5, as given in the College. Meetings were held five days in each week. Lectures were given, dealing with the general principles of geological science. These lectures were accompanied by laboratory work, in which those principles were illustrated by the study of material; and a series of field exercises served still further to exemplify the topics which had been considered indoors.

STUDENTS.

Adams, Edward Max, <i>Student, Harvard University,</i>	Buffalo, N. Y.
Butland, Minnie L., <i>Teacher, Greenwood School,</i>	Hyde Park.
Case, Elmer, A.M. (<i>Brown Univ.</i>), <i>Teacher, Manual Training High School,</i>	Providence, R. I.
Chase, Frank Wallace, A.M. (<i>Bates Coll.</i>), <i>Principal, Grammar School,</i>	Lewiston, Me.
Corlew, Joseph T., <i>Teacher, Principal of Greenfield Hill Academy,</i>	[Conn. Greenfield Hill,
Dodd, Arthur Adrian, M.S.D. (<i>Normal School, Warrensburg, Mo.</i>), <i>Student, Harvard University,</i>	Cambridge.
Drew, Charles Davis, <i>Student, Harvard University,</i>	West Newton.
George, Emma M., <i>Teacher, Grew School, Hyde Park,</i>	Natick.
Goode, John Paul, B.S. (<i>Univ. of Minnesota</i>), <i>Teacher of Natural Sciences, State Normal School,</i>	Moorhead, Minn.
Hutchinson, Percy Adams,	Newtonville, Mass.
Lewis, Frederic Thomas, <i>Student, Harvard University,</i>	Cambridgeport.
Merrill, A. M., <i>Student, Oswego Normal School, N. Y.</i>	Richmond, Utah.
Lynch, John E., <i>Principal, Thomas Street Grammar School,</i>	Worcester.
Oppenheimer, Bernard Sutro, <i>Student, Harvard University,</i>	Cambridge.
Paddock, Bertha L., <i>Teacher, Franklin Academy,</i>	Malone, N. Y.
Stearns, John Brainerd, B.S. (<i>Univ. of Vermont</i>), <i>Instructor in Chemistry, University of Vermont,</i>	Burlington, Vt.

COURSE S2.

An advanced course in field study, on the geology of the stratified rocks, was given at the following places during the summer of 1894. The class assembled on August 13 at Utica, N. Y., where it studied the stratified fossiliferous rocks of the New York system, as illustrated at numerous typical localities in the vicinity, under the direction of Prof. A. P. BRIGHAM. On August 27, the class moved to Catskill, N. Y., where, under the direction of Mr. H. B. KUMMEL, it spent two weeks in studying the same series of rocks complicated by mountain foldings. The last two weeks of the course were spent at Meriden, Conn., where the faulted sand stones and trap-sheets of this portion of the Connecticut valley were studied under the guidance of Mr. KUMMEL.

STUDENTS.

Forman, George Alfred, <i>Student, Harvard University,</i>	Buffalo, N. Y.
Goode, John Paul, B.S. (<i>Univ. of Minn.</i>), <i>Teacher, State Normal School,</i>	Moorhead, Minn.
Keeler, Henry Hawley, <i>Student, Harvard University,</i>	Ridgefield, Conn.
Klotz, Walter Carl, <i>Student, Colgate University,</i>	New York, N. Y.
Mabry, Thomas Ovid, B.PH., M.A. (<i>Univ. of Miss.</i>), <i>Associate Professor of Natural History and Geology, University of Mississippi,</i>	Oxford, Miss.
Richardson, George Burr, B.S. (<i>Coll. of New York, N. Y.</i>), <i>Student, Harvard University,</i>	New York, N. Y.
Schneider, Philip Frank, M.PH. (<i>Syracuse Univ.</i>) <i>Instructor in Geology, High School,</i>	Syracuse, N. Y.
Southard, Elmer Ernest, <i>Student, Harvard University,</i>	Boston.
Turnbull, David Francis, <i>Student, Harvard University,</i>	New York, N. Y.

COURSE S3.

This course consists of independent research in the field, under the supervision of an instructor. Its purpose is to afford training in the methods of professional geological field work. There were no students enrolled in this course in 1894.

COURSE S4.

A course in Petrography, comprising lectures and laboratory work. Five times a week for six weeks, beginning July 5, counting as a half-course. Asst. Prof. WOLFF.

STUDENTS.

Dresser, John Alexander, B.A. (<i>McGill Univ.</i>), <i>Principal of Aylmer Academy</i> ,	[Can. Aylmer East, P. Q.,
Lane, Alfred Church, PH.B. (<i>Harvard Univ.</i>), <i>Assistant State Geologist</i> ,	Houghton, Mich.
Miller, Willet G., A.B. (<i>Univ. of Toronto</i>), <i>Teacher, School of Mining</i> ,	Kingston, Ont.
Nason, Henry B., PH.D. (<i>Göttingen, Germany</i>), <i>Teacher, Rensselaer Polytechnic Institute</i> ,	Troy, N. Y.

Courses similar to the above will be given during the summer of 1895. For detailed information, address Prof. W. M. DAVIS, Cambridge, Mass.

PHYSICAL TRAINING.

This course, while designed especially for teachers, is open to all students and to those desiring the work for their physical improvement; it is conducted at the Hemenway Gymnasium, by D. A. SARGENT, M.D., Director, who takes part in both the theoretical and practical instruction.

The theoretical work of the course at the last session comprised lectures and practical talks, with illustrations, on the elements of Applied Anatomy, Elementary and Experimental Physiology, Personal Hygiene, Physical Training, First Aid to the Injured, Anthropometry, Growth of Children, Physical Examinations and Diagnosis, Methods of Prescribing Exercises for the Individual, Physical Basis of Mental Life, Physical Exercise in the Treatment of Spinal Curvature, Diseases of Women and their Treatment through Physical Agencies, Testing for Normal Vision and Hearing, Massage and its Applications, with the opportunity for practice in Measuring, Testing, Tabulating, and Charting.

The practical work consisted of Free Movements, Calisthenics, Light Gymnastics, Military Drill, Methods of conducting Squad, Class, and Division Exercises, Gymnastic Games, Delsarte Movements, Relaxing Exercises, Swedish Gymnastics, Heavy Gymnastics, Track and Field Athletics, Boxing, Fencing, Rowing, Swimming, Voice Training, and Special Exercises on Developing Appliances.

The Special Lecturers were: DR. HENRY P. BOWDITCH, DR. ELLIOT G. BRACKETT, DR. EDWARD COWLES, DR. EUGENE A. CROCKETT, DR. GEORGE W. FITZ, DR. JANE D. KELLY, DR. MYLES STANDISH, and DR. SAMUEL G. WEBBER.

The Special Instructors were: JOHN W. BOWLER, CAROLINE E. CRAWFORD, JOHN E. DOLDT, CHRISTIAN EBERHARD, MELVIN B. GILBERT, Capt. THOMAS D. LANDON, JAMES G. LATHROP, MARY G. POTTER, DR. FRANK N. WHITTIER, JENNIE B. WILSON, with nine Student Assistants

A general certificate, indicating the manner in which his or her work is performed, is given to each student attending the full course; special certificates are given to those passing examinations at the end of the course; and full certificates to those who have attended three sessions and passed all the examinations.

Fees: Full course, \$50; Practice, or Theory alone, \$25; payable, on entering, to the Bursar of the University.

The next session will be held during the five weeks beginning Thursday, June 27, 1895. Further particulars will be furnished on application to Dr. D. A. SARGENT, Cambridge, Mass.

STUDENTS.

Full Course.

Aldrich, Charles Spaulding, A.B. (<i>Brown Univ.</i>), <i>Director of Gymnasium, Wesleyan University,</i>	Middletown, Conn.
Appleton, Edward Allen, A.B. (<i>Amherst Coll.</i>), <i>Teacher, Piedra Ranch School, Nordhoff, Cal.</i>	Springfield.
Bowman, Joseph Hockman, A.B. (<i>Franklin and Marshall Coll.</i>), <i>Instructor in Greek, English, and Physical Training, Millersburg Training School, Millersburg, Ky.</i>	Woodstock, Va.
Burrill, Fred Wilson, <i>Student, and Instructor in Gymnastics, Bates College, Lewiston, Me.</i>	Corinna, Me.
Carter, Sara Evelyn, <i>Student, Gaillard School of Languages,</i>	Washington, D.C.
Close, George Hastings, <i>Physical Director, Young Men's Christian Association, Ottawa, Ont.</i>	Albany, N.Y.
Cochrane, Norrine, B.E. (<i>National School of Ora- tory, Phila., Pa.</i>), <i>Teacher of Elocution and Gymnastics, Martin College,</i>	Pulaski, Tenn.
Cutler, George Washington, M.D. (<i>Harvard Univ.</i>), <i>Physician,</i>	Waltham.
Dohs, Francis, <i>Physical Instructor, Workingman's School for Ethical Culture,</i>	New York, N. Y.
Ehinger, Clyde Ernst, M.D. (<i>Chicago Hom. Coll.</i>), <i>Director of Physical Education, State Normal School,</i>	West Chester, Pa.
Ehinger, Mrs. Ella Maria, <i>Teacher of Physical Education, State Normal School,</i>	West Chester, Pa.
Ellis, Alexander Caswell, A.B. (<i>Univ. of North Carolina</i>), <i>Head Master, Classical High School, Chapel Hill, N. C.</i>	Louisburg, N. C.

- Flagler, Frances Hamlin, *Assistant in Physical Culture, Adelphi Academy*, Brooklyn, N. Y.
- Foglesong, Nellie, *Student, Dr. Sargent's Normal School of Physical Training, Cambridge*, Dayton, O.
- Foster, Grace Edith, *Student and Instructor in Gymnastics, Bates College, Lewiston, Me.* Gray, Me.
Cincinnati, O.
- Goldsmith, Carrie, *Director, Sanatory Gymnasium*, Southold, N. Y.
- Howell, Mary Harriet, *Assistant in Physiology, Dr. Sargent's Normal School of Physical Training*, Platteville, Wis.
- Jeardeau, Allen Wilson, *Student, Harvard Univ.*
- Jones, Margaret Gwynne, *Student, Dr. Sargent's Normal School of Physical Training*, Plymouth, Pa.
- Kuhn, Esther, *Student, Dr. Sargent's Normal School of Physical Training*, Philadelphia, Pa.
- Kuhn, Miriam, *Teacher of Physical Training, Girls' High School*, Philadelphia, Pa.
- Leonard, Fred Eugene, A.M. (*Oberlin Coll.*); M.D. (*Coll. of Physicians and Surgeons, New York, N. Y.*), *Professor of Physiology and Director of Men's Gymnasium, Oberlin College*, Oberlin, O.
- Lines, Jessie Amelia, *Instructor in Physical Culture, Pratt Institute*, Brooklyn, N. Y.
- Manley, Joseph, A.B. (*Harvard Univ.*), *Instructor in Greek, Marietta College, Marietta, O.* Normal, Ill.
- May, Eva Gertrude, A.T.C.M. (*Toronto Conservatory School of Elocution*), *Assistant, Dr. Morton's Sanatory Gymnasium*, Rochester, N. Y.
- Merriman, Mary Elizabeth, *Student, Emerson College of Oratory, Boston*, Meriden, Conn.
- Moore, Henrietta Frances Raymond, *Teacher of Physical Training, Detroit Seminary*, Detroit, Mich.
- Noble, Joseph Haderman, M.E. (*Millersville, Pa.*)
- Nohr, Hermann, *Teacher, Turnverein Vorwaerts, Normal School*, Dayton, O.
Student, State Normal School, Millersville, Pa.
- Philip, Elsie Mary, *Teacher of Physical Culture, Hillside Home School*, Hillside, Iowa.
- Pierce, John Martin, A.M. (*Harvard Univ.*), *Student, Harvard University*, St. Louis, Mo.
- Pratt, Harry Waddell, M.A. (*Washington and Lee Univ.*), *Teacher of Mathematics and French, Washington and Lee University*, Lexington, Va.
- Prentiss, Lory, A.B. (*Bowdoin Coll.*), *Teacher of Gymnastics, Newark Academy*, Newark, N. J.

- Reil, Ida Virginia, M.D. (*Woman's Medical Coll. of Penn.*), *General Practitioner and Teacher of Physical Training, Young Men's Christian Association*,
Coatesville, Pa.
- Richardson, Lucy Abby, *Teacher of Elocution and Gymnastics, Forest Hill School, Newark, N. J.*
Brooklyn, N. Y.
- Sanborn, Lura Wadleigh, *Instructor in Physical Training, Evangelical Young Women's Christian Association, Providence, R. I.*
Exeter, N. H.
- Sidwell, Thomas Watson, *Principal, Friends' Select School*,
Washington, D.C.
- Small, Mary Dalzell, *Teacher of Physical Training, Pennsylvania Institution for the Blind*,
Philadelphia, Pa.
- Snyder, Alice Gray, *Physical Director, Nashville College for Young Ladies, Nashville, Tenn.*
Coshocton, O.
- Stewart, Grace Dell, *Teacher, Public Schools*,
Philadelphia, Pa.
- Twitchell, Henry Francis, B.S. (*Rutger's Coll.*), *Instructor in Physical Training, University School, Chicago, Ill.*
Newark, N. J.
- Van Gunten, Mary Ann, *Teacher, Public Schools*,
Philadelphia, Pa.
- Weicksel, Amelia, M.E. (*Keystone, Pa. Normal School*), *Instructor, Private Gymnasium, Washington, D. C.*
Line Mountain, Pa.
- Werner, Charles Francis, *Assistant Physical Director, Young Men's Christian Association*,
Orange, N. J.
- West, Marion, *Student, Dr. Sargent's Normal School of Physical Training*,
Somerville.
- Wetherbee, Joseph Robbins, *Physical Director, University of Oregon*,
Eugene, Ore.

Course in Practice.

- Adams, Charles Everett, M.D. (*Bowdoin Coll.*),
Director, *Ballantine Gymnasium, Rutgers College*,
[N. J.]
New Brunswick,
- Bagot, Bernard William Neville, *Teacher of Mathematics, University School*,
Petersburg, Va.
- Bolster, William Wheeler, *Student and Instructor in Gymnastics, Bates College, Lewiston*,
Auburn, Me.
- Carleton, Elmer Howard, A.B. (*Bowdoin Coll.*), *Instructor in Physical Training, Dartmouth College, Hanover, N. H.*
South Dresden, Me.

Coney, Alice Butler, <i>Student, Boston Normal School of Gymnastics,</i>	Cincinnati, O.
Coope, Jessie, <i>Student, Boston Normal School of Gymnastics,</i>	Cincinnati, O.
Cutts, Oliver Frost, <i>Student and Instructor in Gymnastics, Bates College,</i>	Lewiston, Me.
Flint, Elizabeth Allen, <i>Instructor in Physical Training, Ohio Wesleyan University, Delaware, O.</i>	Boston.
Foster, Ralph Emerson, <i>Director of Gymnasium, Trinity College,</i>	Hartford, Conn.
Goldsmith, Ida, <i>Assistant, Sanatory Gymnasium,</i>	Cincinnati, O.
Griffin, Lillian Freese, <i>Teacher of Type-Writing, Stenography, and German, Colby Academy,</i>	New London, N. H.
Harvey, Anna Elizabeth, <i>Kindergartner, Adelphi Academy, Brooklyn,</i>	New York, N. Y.
Hobson, Willis Sanford, <i>Student, Harvard University,</i>	Lakewood, O.
Hoffman, German Francis, <i>Assistant Superintendent of Gymnasium, Young Men's Christian Union, Boston,</i>	Dorchester.
Holmes, Sarah Elizabeth,	Jamaica Plain.
Horton, Clara Judson, <i>Director, Private Gymnasium,</i>	Washington, D. C.
Hoskins, Leletia Logan, <i>Director of Gymnasium, Friends' Hospital,</i>	Frankford, Pa.
Johnson, Kate, <i>Teacher, Public Schools,</i>	Rochester, N. Y.
Kent, Ida Viola, <i>Teacher of Music and Elocution, Seminary,</i>	Buckhannon, W. Va.
Kittredge, Mrs. Mary Lizzie, <i>Teacher of Elocution and Physical Training, Public Schools,</i>	Keene, N. H.
Klotz, Anna Saunders, <i>Teacher of Elocution and Physical Culture, St. Katherine's Hall, Davenport, Ia.</i>	Hackettstown, N. J.
Lesser, Rebecca, <i>Teacher of Physical Culture and Dancing, St. Bartholomew's Girls' Club,</i>	New York, N. Y.
Perry, Frank Joseph, <i>Instructor, South County Athletic Association, Peacedale,</i>	Providence, R. I.
Short, Charlotte Jane, <i>M.S. (Kansas State Agricultural Coll.), Professor of Domestic Science and Instructor in Physical Training, Storrs Agricultural College,</i>	Storrs, Conn.

Slocum, Benita Virginia, <i>Teacher, Anderson Normal School of Gymnastics,</i>	New Haven, Conn.
Squire, W. Irving, <i>Student, Oberlin College, Oberlin,</i>	Toledo, O.
Vassar, Frances Marie,	Kansas City, Mo.
Wilson, Mary Caroline, <i>Director, Nonantum Gymnasium, Newton,</i>	Watertown.
Wingate, Grace Agnes, O.M. (<i>Emerson Coll. of Oratory</i>), <i>Teacher of Elocution and Physical Culture, Miss Mackie's School, Newburgh, N. Y.</i>	Bangor, Me.
Wright, Alice Cooke, B.L. (<i>Mt. Holyoke Coll.</i>), <i>Student, Dr. Sargent's Normal School of Physical Training,</i>	Bridge Hampton, N. Y.
<i>Course in Theory.</i>	

Danforth, Agnes Bancroft, B.A. (*Elmira Coll.*), *Instructor in English Literature and Director of Girls' Gymnasium, Thayer Academy, Braintree,* Lake Forest, Ill.

COURSES AT THE MEDICAL SCHOOL.

During the summer of 1894, courses, chiefly clinical, were given by the instructors of the Medical School to graduates and advanced students.

STUDENTS.

Allison, George Freeman, M.D. (<i>Boston Univ.</i>) 1891,	E. Providence, R. I.
Balmer, William Mears, M.D.V. 1892,	Cambridge.
Bean, Jacob Walter, M.D. (<i>Univ. of Vermont</i>) 1882,	W. Medford.
Bonney, Robert,	Chelsea.
Broughton, Henry White, M.D. 1879,	Jamaica Plain.
Butler, Henry Broughton, M.D. (<i>Meharey Med. Coll.</i>), A.M. (<i>Lincoln Univ.</i>),	Boston.
Collin, Carl Oscar Louis,	Boston.
Cousens, Nicholas William, M.D. (<i>Trinity Univ.</i>) 1891,	Waltham.
Cowles, William Norman, M.D. 1888,	Ayer.
Daley, Robert Nicholas, M.D. 1894,	So. Boston.
Dewey, Charles Gipson, M.D.	Somerville.
Disney, Frank Arundel Elias, M.D. (<i>Bellevue</i>),	Boston.
Dow, Edward Scott, M.D. 1887,	Allston.
Eaton, Lilley, M.D. (<i>Dartmouth Coll.</i>) 1892,	Jamaica Plain.
Ellis, William Raymond,	Somerville.

Ellsworth, Samuel Walker, A.B. 1893,	Braintree.
Fisher, James Tucker, M.D.V. 1894,	Boston.
Fitzsimmons, Philip Mansfield, M.D. (<i>Univ. of Vermont</i>),	E. Cambridge.
Flint, Carleton Phillips,	Boston.
Ford, John Francis, M.D. (<i>Dartmouth Coll.</i>) 1891,	Rosindale.
Forrest, Robert Francis,	Watertown.
Freeman, George Franklin, A.B. (<i>Bowdoin Coll.</i>) 1890,	Everett.
French, Towneley Thorndike,	W. Roxbury.
Frost, Horace Bird, A.B. 1892,	Belmont.
Gallison, Jefferson Cushing, M.D. (<i>Univ. of Michigan</i>) 1888,	Boston.
Galloupe, Benjamin Franklin, M.D. (<i>Coll. of Phys. and Surg., Boston</i>) 1889,	Hyde Park,
Gilman, Harry Sargent,	Boston.
Gunther, Elsner Christian, A.B. 1889,	New York, N. Y.
Hartnett, Edward Daniel,	E. Boston.
Henderson, Charles Russell, M.D. (<i>Boston Univ.</i>) 1889,	Reading.
Hines, Archelaus Don, M.D. (<i>Boston Univ.</i>),	Westboro'.
Hitchcock, William Alvan, Jr.	Asylum Station.
Holmes, Harry Clinton,	Boston.
Horgan, Daniel Matthew,	Boston.
Hopkins, Samuel Augustus, M.D. (<i>Coll. of Phys. and Surg., New York</i>),	Boston.
Hutchinson, Charles Martin,	Cambridge.
Jenney, Arthur Barker, M.D. (<i>Boston Univ.</i>) 1888,	Springfield.
Jack, Ernest Sanford, M.D. 1886,	Melrose.
Kenerson, Vertram,	Boston.
Kelley, Michael, A.M. (<i>Holy Cross</i>), M.D. (<i>Bellevue</i>),	Fall River.
Langdon, Francis Eustis,	Portsmouth, N. H.
Lombard, John Patrick, M.D. (<i>Univ. of the City of New York</i>) 1888,	Dorchester.
McCauley, Albert Anthony, A.B. (<i>Holy Cross Coll.</i>) 1892,	Springfield.
Macdonald, Colin W., M.D. (<i>Bellevue</i>) 1887,	Boston.
Mack, Charles David Gibson,	E. Boston.
McKenna, James Thomas, A.M. (<i>Williams Coll.</i>),	Boston.
McKenty, John Edmund, M.D. (<i>McGill Coll.</i>) 1892,	Waltham.
Mangan, John Joseph, A.B. (<i>Holy Cross Coll.</i>), M.D. (<i>Coll. of Phys. and Surg.</i>),	Lynn.
Mann, Arthur Teall, S.B. (<i>Univ. of Minnesota</i>) 1888,	Minneapolis, Minn.

Maskell, Leonard Joseph, A.B. (<i>Holy Cross Coll.</i>)	
1891,	Newton.
Mead, George Nathaniel, M.D. 1886,	Everett.
Mehegan, Daniel Joseph, M.D. 1894,	Taunton.
Miles, George Albert, M.D. (<i>Long Island Coll. Hosp.</i>)	
1891,	Somerville.
Millett, Charles Sumner, M.D. 1880,	Rockland.
Moore, Edwin Percy, M.D. (<i>Univ. of Pennsylvania</i>)	
1893,	Summerside, P.E.I.
Morris, Edward Romeo, M.D. (<i>Bellevue Hosp. Coll.</i>)	
1881,	Boston.
Murphy, Claire Warren, M.D. (<i>Univ. of So. California</i>) 1891,	Los Angeles, Cal.
O'Connor, John Henry, A.B. (<i>Holy Cross Coll.</i>)	
1892,	No. Chelmsford.
O'Leary, Joseph Augustus, M.D. (<i>Boston Univ.</i>)	
1887,	Wakefield.
Page, Calvin Gates, M.D. 1894,	Chestnut Hill.
Palmer, Sarah Ellen, M.D. (<i>Woman's Med. Coll. of Pennsylvania</i>) 1880,	
Perley, Roscoe Damon,	Boston.
Perry, Henry Joseph, A.B. (<i>Tufts Coll.</i>) 1892,	Ipswich.
Pierce, George Burgess,	Fort Plain, N. Y.
Sanborn, Charles Francis,	Milton.
Sands, Edward Parker,	Cambridge.
Sears, Harry Edward, A.B. 1893,	Boston.
Sheehan, Martin David,	Boston.
Sherwood, Walter,	Brookline.
Smith, William Frederick, M.D. (<i>Univ. of New York</i>)	
1886,	Boston.
Stepp, Jacob, Jr.	New York.
Stone, Waldo Hodges, M.D. (<i>Boston Univ.</i>) 1882,	Boston.
Sughrue, Dennis Francis,	Providence, R. I.
Sullivan, Daniel Aloysius,	Dorchester.
Taylor, Frederick Weston, M.D. 1882,	Newton.
Tirrell, Vincent Meader,	Cambridge.
Vaughan, Jonas Hobart, M.D.	So. Weymouth.
Wheaton, James Lucas, Jr., PH.B. (<i>Brown Univ.</i>)	Everett.
1891,	
Whitehill, George Edward, B.L. (<i>Dartmouth Coll.</i>)	Pawtucket, R. I.
1886, M.D. (<i>Coll. of Phys. and Surg., Boston</i>),	Everett.
Whittier, Frank Nathaniel, M.D. (<i>Bowdoin Coll.</i>)	
1889,	Brunswick, Me.

No.	Subject.	Instructor.	Place.	No. of Exercises.	Begins.	Ends.	Days.	Hour.	Fee.
1	Anatomy *	Dr. Conant	Medical School	12	Aug. 13	Sept. 19	Mo. We.	4	20.00
2	Anatomy of the Ear *	Dr. Bryant	Medical School	14	Aug. 1	Aug. 31	Mo. We. Fr.	2	15.00
3	Histology *	Dr. Ames	Medical School	13	July 18	Aug. 15	Mo. We. Fr.	3	20.00
4	Chemistry *	Dr. Hills	Medical School	30	June 25	July 23	Daily	10	30.00
5	Medical Chemistry *	Dr. Ogden	Medical School	15	July 2	Aug. 3	Mo. We. Fr.	10	30.00
6	Medical Chemistry *	Dr. Ogden	Medical School	15	Aug. 6	Sept. 10	Mo. We. Fr.	10	30.00
7	Pathological Anatomy *	Dr. Taylor	Medical School	13	July 2	July 30	Mo. We. Fr.	3	20.00
8	Pathological Histology *	Dr. Prescott	Medical School	18	July 1	Aug. 31	Mo. We. Fr.	3.30	20.00
9	Clinical Medicine	Dr. Gannett	Mass. Gen. Hosp.	20	July 2	Aug. 15	Mo. We. Fr.	9	20.00
10	Clinical Medicine	Dr. Gannett	Mass. Gen. Hosp.	19	Aug. 17	Sept. 28	Mo. We. Fr.	9	20.00
11	Clinical Medicine	Dr. Withington	City Hospital	12	Sept. 3	Sept. 23	Mo. We. Fr.	10.30	15.00
12	Clinical Medicine *	Dr. Vickery	Mass. Gen. Hosp.	13	June 1	June 29	Mo. We. Fr.	10	15.00
13	Clinical Medicine	Dr. Sears	City Hospital	13	July 3	July 31	Tu. Th. Sat.	10	15.00
14	Clinical Medicine *	Dr. Sears	City Hospital	13	Aug. 2	Aug. 30	Tu. Th. Sat.	10	15.00
15	Clinical Medicine *	Dr. Prescott	Boston Dispensary	26	July 2	July 31	Daily	9	20.00
16	Clinical Medicine *	Dr. Prescott	Boston Dispensary	27	Aug. 1	Aug. 31	Daily	9	20.00
17	Clinical and Operative Surgery	Dr. Mixer	Mass. Gen. Hosp.	15	July 3	Aug. 3	Tu. Th. Sat.	11	15.00
18	Clinical and Operative Surgery	Dr. Mixer	Mass. Gen. Hosp.	15	Aug. 7	Sept. 8	Tu. Th. Sat.	11	15.00
19	Clinical and Operative Surgery	Dr. Harrington	Mass. Gen. Hosp.	24	July 2	Aug. 24	Mo. We. Fr.	11	25.00
20	Clinical and Operative Surgery	Dr. Burrell	City Hospital	13	Aug. 2	Aug. 30	Tu. Th. Sat.	11	20.00

		Dr. Burrell	City Hospital	13	Sept. 1	Sept. 20	Tu. Th. Sat.	11	20.00
21	Clinical and Operative Surgery	Dr. Conant	Carney Hospital	18	July 3	Aug. 31	Tu. Fr.	10	25.00
22	Clinical and Operative Surgery	Dr. Bradford	Children's Hosp.	18	July 2	Aug. 29	Mo. We.	4	20.00
23	Orthopedic Surgery	Dr. Elliot	Mass. Gen. Hosp.	18	July 2	Aug. 10	Mo. We. Fr.	11	25.00
24	Clinical and Abdominal Surgery	Dr. Watson	City Hospital	13	June 2	June 30	Tu. Th. Sat.	11	20.00
25	Genito-Urinary Surgery	Dr. Conant	Mass. Gen. Hosp.	13	July 2	July 30	Mo. We. Fr.	10	20.00
26	Minor Surgery *	Dr. Conant	Mass. Gen. Hosp.	14	Aug. 1	Aug. 31	Mo. We. Fr.	10	20.00
27	Minor Surgery *	Dr. Conant	Mass. Gen. Hosp.	12	Sept. 3	Sept. 28	Mo. We. Fr.	10	20.00
28	Minor Surgery *	Dr. Scudder	Mass. Gen. Hosp.	26	July 1	July 31	Daily	10	25.00
29	Minor Surgery *	Dr. Scudder	Mass. Gen. Hosp.	25	Sept. 1	Sept. 29	Daily	10	25.00
30	Minor Surgery *	Dr. Green	Lying-in Hosp.	45	June 1	July 31			30.00
31	Clinical Obstetrics	Dr. Green	Lying-in Hosp.	45	Aug. 1	Sept. 30			30.00
32	Clinical Obstetrics	Dr. Green	Lying-in Hosp.	45	Aug. 1	Sept. 30			30.00

No.	Subject	Instructor.	Place.	No. of Exercises.	Begins.	Ends.	Days.	Hour.	Fee.
39	Diseases of the Ear	Dr. Blake	Eye and Ear Inf.	13	Sept. 1	Sept. 29	Tu. Th. Sat.	9	12.00
40	Diseases of the Eye *	Dr. Standish	Eye and Ear Inf.	13	July 3	July 31	Tu. Th. Sat.	10	20.00
41	Diseases of the Eye	Dr. Cheney	Eye and Ear Inf.	13	July 2	July 30	Mo. We. Th.	9	23.00
42	Diseases of the Larynx	Dr. Farlow	City Hospital	18	June 4	July 13	Mo. We. Fr.	10	20.00
43	Diseases of the Nervous System	Dr. Putnam	Mass. Gen. Hosp.	14	July 2	July 31	Mo. Tu. We.	10	20.00
44	Diseases of the Nervous System	Dr. Walton	Mass. Gen. Hosp.	12	Sept. 4	Sept. 29	Tu. Th. Sat.	10	20.00
45	Diseases of the Skin	Dr. Bowen	Mass. Gen. Hosp.	19	July 3	Aug. 14	Tu. Th. Fr.	10	20.00
46	Diseases of the Skin	Dr. Bowen	Mass. Gen. Hosp.	20	Aug. 16	Sept. 28	Tu. Th. Fr.	10	20.00
47	Diseases of Women * 1	Dr. Reynolds	City Hospital	12	July 5	July 31	Tu. Th. Sat.	11	20.00
48	Diseases of Women	Dr. Haven	Boston Dispensary	18	July 2	Aug. 10	Mo. We. Fr.	10	20.00
49	Diseases of Women	Dr. Haven	City Hospital	13	Sept. 1	Sept. 28	Tu. Th. Sat.	10	20.00
50	Diseases of Women	Dr. Washburn	Women's Free Hos.	12	July 2	Aug. 9	Mo. Th.	3.30	20.00
51	Diseases of Women	Dr. Washburn	Women's Free Hos.	12	Aug. 13	Sept. 20	Mo. Th.	3.30	20.00
52	Diseases of Women * *	Dr. Burrage	St. Elizabeth's Hos.	13	June 4	July 16	Mo. Th.	10	25.00
53	Diseases of Women * *	Dr. Burrage	St. Elizabeth's Hos.	13	July 19	Aug. 30	Mo. Th.	10	25.00
54	Bacteriology *	Dr. Ernst	Medical School	36	July 2	Aug. 11	Daily	3	30.00
55	Hygiene	Dr. Harrington	Medical School	39	July 2	Aug. 15	Daily	3	30.00
56	Municipal Sanitation	Dr. Durgin	Medical School	13	July 2	July 30	Mo. We. Fr.	3	20.00
57	Experimental Pharmacology * *	Dr. Chadbourne	Medical School		July 2	Aug. 15			25.00

* Class-membership limited.

* Operative Gynecology.

* Special instruction and practice in methods of experimental research; time of exercises to be arranged with Instructor.

1

Minor Gynecology.

SUMMER COURSES. — 1

**Williams, Joseph, Ph.G. (*Ontario*) 1871,
Univ.) 1881,**

**Williams, Milton Hubbard, B.S. (*Amher-*
st.) 1894,**

Yost, John Dickson,

Similar courses will be given during
the summer months. For particulars, address *The Secretary, Harvard*

EXAMINATIONS FOR WOMEN.

TWENTY-SECOND YEAR.

Examinations for Women will be held, under the direction of the Faculty of Arts and Sciences of Harvard University, in New York, on Tuesday, Thursday, Friday, and Saturday, June 25, 27, 28, and 29, 1895.

The studies which form the subjects of these examinations, are identical with those of the examinations for admission to Harvard College (see p. 196); the time and method of examination are the same and the same papers are used.

A certificate will be given to any candidate who in any year passes satisfactorily the examinations on any studies in the list (on which she has not previously passed) which occupy in the aggregate not less than *five hours* on the examination programme.* If the candidate fail to pass on studies occupying five hours, she will receive no certificate, and no account will be made of the examination.

A candidate who passes the examinations in accordance with the terms prescribed for admission to the Freshman Class of Harvard College, will receive a special certificate, bearing the signature of the President of the University. A candidate for this certificate may pass the whole examination at one time; or she may pass a part of it (not less than five hours) in one year, and take the remainder in some subsequent year. The examination cannot be divided into more than two parts; but a candidate who has failed at her second examination in a small number of studies may be allowed another examination in these for the purpose of making up her deficiency.

The certificate given to a candidate who passes the examinations in accordance with the terms prescribed for admission to Harvard College entitles her to admission to the Freshman Class of Radcliffe College. It is also accepted, if presented within one year of its date, by Vassar, Wellesley, and Bryn Mawr Colleges, as the equivalent for examinations in such subjects as are covered by it.

The arrangements for the examinations are in charge of a local committee. Notice of intention to take the examinations must be sent to the local secretary on or before May 1, and exact notice of the place and hour of examination will be sent to every candidate who has com-

* See p. 200.

plied with this requirement, on June 1. Candidates will be informed of the results of their examinations by the local secretary about July 15.

The fee for the examination is, for the first year, *ten dollars*; for each subsequent year, *five dollars*.

Board and lodging will be provided at a moderate cost for those who need such accommodation, and young women in narrow circumstances will be aided in meeting the cost of the examinations. Applicants for aid should address the local secretary, stating their circumstances fully, the amount of help which they need, the kind of assistance which they would prefer, — whether a remission of fees, a loan, or gratuitous board and lodging during the examinations, — and enclosing certificates of scholarship and character from their teachers. If an applicant is under twenty-one years of age, her application must be accompanied by the written approval of her parent or guardian.

The New York Local Committee offer for competition in 1895 two scholarships, one of three hundred dollars and one of two hundred dollars. The competition is open to any candidate passing the examinations in New York in accordance with the terms prescribed for admission to the Freshman Class of Harvard College, who has not previously presented herself more than once for examination, and who intends to spend the following year at some college approved by the committee; provided, however, that no person shall be a candidate who has already been admitted to any class, higher than the Freshman class, in any college. Notice of intention to compete for a scholarship must be sent to the Secretary of the New York Local Committee on or before May 1, 1895.

Specimen examination-papers, and a pamphlet containing a statement of requirements, will be forwarded to any address; and any further information which may be desired will be gladly furnished by the local secretary. Her address is: —

SECRETARY OF THE NEW YORK LOCAL COMMITTEE,
32 East Thirty-third Street, New York, N. Y.

In 1894, certificates of having completed the examinations were granted to the following candidates: —

NAME.	SCHOOL.	PRINCIPAL OF SCHOOL.
Susan Louisa Bowler Foote, <i>Cincinnati, O.</i>	Private School, <i>Cincinnati, O.</i>	Miss K. M. Lupton.
Alice Bradford Hammond, <i>New Haven, Conn.</i>	Hillhouse High Sch., <i>New Haven, Conn.</i>	Mr. Isaac Thomas.
Amy Augusta Nettleton, <i>Washington, Conn.</i>	The Gunnery, <i>Washington, Conn.</i>	Mr. J. C. Brinsmade.

NAME.	SCHOOL.	PRINCIPAL OF SCHOOL.
Elsie Powell, <i>New York, N. Y.</i>	Miss Gibbons' School, <i>New York, N. Y.</i>	Mrs. S. H. Emerson.
Bertha Van Kleeck, <i>New York, N. Y.</i>	Miss Gibbons' School, <i>New York, N. Y.</i>	Mrs. S. H. Emerson.

WINNERS OF THE NEW YORK SCHOLARSHIPS.

1894.

1. ALICE BRADFORD HAMMOND.
2. AMY AUGUSTA NETTLETON.

SCHOOLS EXAMINATION BOARD.

The Members of the Board for 1894-95 are:— President ELIOT, Professor CHARLES F. DUNBAR, *Dean of the Faculty of Arts and Sciences*, Professor A. S. HILL, Professor EPHRAIM EMERTON, Mr. WILLIAM C. COLLAR, *Head-Master of the Roxbury Latin School*, Hon. FRANK A. HILL, *Secretary of the State Board of Education, Boston*, and Assistant Professor PAUL H. HANUS. Professor HANUS is Secretary of the Board.

Under the direction of this Board the regular work of instruction in any school—public, endowed, or private—of a grade to prepare boys for Harvard College or the Lawrence Scientific School, will, on request, be thoroughly examined. An examination may cover the entire work of a school, or only the work in a department or departments to be specified by the person or persons inviting the examination.

Examinations may be invited by the Master of a public school with the approval of the Superintendent if there be any; by the Master or Principal of an endowed school or academy with the approval of some appropriate officer of the Board of Trustees; and by the Master of a private school.

The examinations are directed to ascertaining the aims and organization of the school, its methods of instruction, discipline, and physical training, the proportionate attention given to each study, the quality and range of the books used, and the quality and quantity of the apparatus.

The examinations may or may not cover methods of discipline outside of the school rooms, and do not cover religious instruction, sanitary condition, or arrangements for boarding and lodging pupils.

A written report is made by the Board to the Master or Principal of the school examined. This report is not to be published by either party. It may be used confidentially in the University Committees on Admission, in the Board of Trustees of an endowed school or academy, and by the Superintendent of Schools, if there be any, in the case of a public school. No report or record is made concerning the attainments of individual pupils.

To make a complete examination of a school which has a comprehensive programme of studies, six examiners are ordinarily required—one for each of the following subjects,—Classics, Mathematics, Natural Science, History, English, other modern languages; and if the number of pupils be large, assistants for the principal examiners may also be required. The examinations in these different departments need not be simultaneous, and in most cases would not be. For any particular school the Board, if requested, will state beforehand how many examiners or assistants will be needed for either a complete or a partial examination.

The examinations are held at the convenience of the Board at some time between November 1st and June 1st. Applications for such examinations should be made not later than January 1st. The Board is at liberty to decline an invitation to examine or re-examine a school.

The school examined pays the travelling expenses of the examiners and of their assistants if there be any, \$10 for every period of twenty-four hours or fraction thereof that each examiner is absent from the University, and \$5 for every period of twenty-four hours or fraction thereof that each assistant is absent from the University. When thoroughly informed of the programme of studies in the school inviting examination, of its number of pupils, of the scope of the examination desired, and of its hour-distance from Boston, the Board will furnish beforehand an approximate estimate of the cost of the examination over and above travelling expenses.

A list of the schools examined, with the dates of the examinations and the departments in which they were examined, will be printed in each successive annual Catalogue, accompanied by a statement that this publication conveys no information in respect to the results of the examination.

All communications on this subject should be addressed to Professor PAUL H. HANUS, *Secretary of the Schools Examination Board*, Harvard University, Cambridge, Mass.

The schools examined in 1893-94 were as follows :

Newton High School, Newtonville, Mass.

In Classics, Mathematics, Natural Science, History, English, Modern Languages.

Mount Hermon School, Mount Hermon, Franklin County, Mass.

In Classics, Mathematics, Natural Science, History, English, Organization.

Clinton High School, Clinton, Mass.

In Classics, Mathematics, Natural Science, History, English, French.

THE UNIVERSITY

FRANCIS GREENWOOD PEABODY
Christian Morals.

JOHN HEYL. VINCENT, D.D.

J. ESTLIN CARPENTER, A.M.

E. WINCHESTER DONALD, D.D.

SAMUEL McCHORD CROTHERS, .

PHILIP S. MOXOM, D.D.

There have also served on this Board
in 1886:—

EDWARD EVERETT
ALEXANDER McKEN
THEODORE C. WILL
GEORGE A. GORDON
PHILLIPS BROOKS,
WILLIAM LAWRENCE
BROOKE HERFORD,
HENRY VAN DYKE,
LYMAN ABBOTT, D.D.
CHARLES CARROLL
WASHINGTON GLAD
LEIGHTON PARKS, I

On May 10, 1886, a vote was passed
“That five preachers to the University,
President and Fellows, with the concurrence
who, in conjunction with the Plummer
shall arrange and conduct the religious
Board of Overseers concurred in this vote
it was incorporated in the Statutes of the

On June 14, 1886, on the unanimous resolution
and the Plummer Professor, the President
statute numbered 15, concerning religious
ing out the clause, “at which the attendance
and on June 16 the Board of Overseers
ance at the religious services of the University
those who conduct these services, made

These services in the University Chapel are directed by the Plummer Professor and the Preachers to the University as follows: Each conducts daily morning prayers for about three weeks in the first half-year and about three weeks in the second half-year, and each preaches on four Sunday evenings. The Preacher conducting morning prayers is in attendance every morning during his term of duty at Wadsworth House 1, and is at the immediate service of any student who may desire to consult him. This arrangement puts at the disposal of the students a greater amount of pastoral service than most ministers can give to their own parishes. On Thursday afternoons from November till May, vesper services are held in the University Chapel. These services are brief (35-40 minutes), largely musical (with full male choir—25 sopranos and altos, 16 tenors and basses), and with an address from one of the staff of Preachers. Other services on Sunday evenings are conducted by preachers of various communions by invitation of the Board of Preachers. The following preachers thus conducted services during the year 1893-94:—

October 29, 1893. — Rev. ALFRED MOMERIE, D.D., of London, England.

November 19. — Rev. P. C. MOZOOMDAR, of India.

November 26. — Rev. P. S. MOXOM, D.D., of Springfield.

December 17. — Rev. E. E. HALE, D.D., of Boston.

February 4, 1894. — Rev. GEORGE HODGES, D.D., of Cambridge.

February 25. — Rev. ALEXANDER MCKENZIE, D.D., of Cambridge.

March 11. — Rev. Prof. D. C. LYON, of Cambridge.

March 25. — Rev. HOWARD N. BROWN, of Brookline.

April 1. — Rev. Fr. P. O'CALLAGHAN, of New York, N. Y.

April 16. — Professor FELIX ADLER, of New York, N. Y.

May 20. — Rt. Rev. A. C. HALL, Bishop of Vermont.

The Board of Preachers are glad to have their attention called to any cases of special need where they may be useful, or to any better methods of serving the moral and religious interests of the University. General correspondence for the current academic year should be addressed to the Plummer Professor, though any Preacher will gladly consider such questions as may be more appropriately addressed to him.

In addition to the opportunities for worship in Appleton Chapel, seats are provided for students, at the expense of the College, in the churches of the different denominations in Cambridge. St. John's Memorial Chapel of the Episcopal Theological School having been erected for the especial accommodation of Harvard students is free to them.

THE UNIVERSITY LIBRARY.

COUNCIL.

CHARLES W. ELIOT, LL.D., *President.*
FRANCIS J. CHILD, LL.D., *Professor of English.*
CHARLES ELIOT NORTON, LL.D., *Professor of the History of Art.*
CHARLES F. DUNBAR, LL.D., *Professor of Political Economy.*
JUSTIN WINSOR, LL.D., *Librarian of the University.*
CRAWFORD H. TOY, LL.D., *Professor of Hebrew.*
GEORGE L. GOODALE, M.D., LL.D., *Professor of Botany.*
MORRIS H. MORGAN, Ph.D., *Assistant Professor of Greek and Latin.*

COLLEGE LIBRARY.

JUSTIN WINSOR, LL.D., *Librarian.*
WILLIAM H. TILLINGHAST, A.B., *Assistant Librarian.*
THOMAS J. KIERNAN, A.M., *Superintendent of Circulation.*
ALFRED C. POTTER, A.B., *Ordering Department.*
FRANK CARNEY, *Shelf Department.*
JOHN H. STORER, LL.B., *Curator of Coins.*

DEPARTMENTAL LIBRARIES.

The care of the several departmental, laboratory, and class-room libraries devolves upon some member of the faculties of the respective departments, when regular librarians have not been appointed.

CHARLES S. SARGENT, A.B., *Professor, and Director of the Arnold Arboretum.*
WILLIAM L. RICHARDSON, A.M., M.D., *Professor, and Dean of the Medical School.*
NATHANIEL S. SHALER, S.D., *Professor, and Dean of the Lawrence Scientific School.*
FRANCIS H. STORER, S.B., *Professor, and Dean of the Bussey Institution.*
EDWARD C. PICKERING, LL.D., *Professor, and Director of the Astronomical Observatory.*
B. L. ROBINSON, Ph.D., *Curator of the Herbarium, Botanic Garden.*
FREDERICK W. PUTNAM, S.D., *Professor, and Curator of the Peabody Museum.*

ROBERT S. MORISON, A.M., D.B., *Librarian of the Divinity School.*

JOHN H. ARNOLD, *Librarian of the Law School.*

FRANCES M. SLACK, *Librarian of the Zoölogical Museum.*

LABORATORY LIBRARIES.

JOHN TROWBRIDGE, S.D., *Professor, in charge of the Physical Library.*

THEODORE W. RICHARDS, PH.D., *Assistant Professor, in charge of the Chemical Library.*

GEORGE L. GOODALE, M.D., LL.D., *Professor, in charge of the Botanical Library.*

EDWARD L. MARK, PH.D., *Professor, in charge of the Zoölogical Library.*

NATHANIEL S. SHALER, S.D., *Professor, in charge of the Geological Library.*

WILLIAM M. DAVIS, M.E., *Professor, in charge of the Physical Geography Library.*

J. E. WOLFF, PH.D., *Assistant Professor, in charge of the Mineralogical Library.*

CLASS-ROOM LIBRARIES.

CHARLES R. LANMAN, PH.D., *Professor, in charge of the Sanskrit Library.*

ALBERT A. HOWARD, PH.D., *Assistant Professor, in charge of the Classical Library.*

ADAMS S. HILL, A.B., LL.B., *Professor, in charge of the English Library.*

H. K. SCHILLING, PH.D., *Assistant Professor, in charge of the German Library.*

F. C. DE SUMICHRAST, *Assistant Professor, in charge of the French Library.*

WILLIAM JAMES, M.D., *Professor, in charge of the Philosophical Library.*

FRANCIS G. PEABODY, D.D., *Professor, in charge of the Social Questions Library.*

EDWARD S. SHELDON, A.B., *Assistant Professor, in charge of the Romance Languages Library.*

EDWARD CUMMINGS, A.M., *Assistant Professor, in charge of the Political Economy Library.*

ALBERT B. HART, PH.D., *Assistant Professor, in charge of the United States History Library.*

JOHN K. PAINE, A.M., MUS.D., *Professor, in charge of the Library of Music.*

WILLIAM E. BYERLY, PH.D., *Professor, in charge of the Mathematical Library.*

SILAS M. MACVANE, A.B., *Professor, in charge of the History Library.*

CHAWFORD H. TOY, LL.D., *Professor, in charge of the Semitic Library.*

The College Library in Gore Hall is for the use of the whole. All students who have given bonds may take out books, three at a time, and may keep them one month. Books, reserved for officers of instruction, as collateral reading for their shelves in separate alcoves, with tables for consultation, and out only near the close of library hours, and must be returned on reopening of the Library. Students who leave Cambridge for more than one week must first return all borrowed books.

The College Library is open every week-day, except Thanksgiving day, the Twenty-second of February, Memorial Day, Fourth of July, from 9 A.M. till 5 P.M., or till sunset when 5; in vacation no books are to be taken out after 2 P.M.; but can be used for consultation, except on Saturdays, after 2. On Sundays during term time the Library is open, for reading 1 o'clock P.M.

The College Library may be consulted by all persons, connected with the University or not. The privilege of borrowing also granted, under special regulations, to persons not connected with the University. *Blanks for making applications for such use in the Librarian.*

Persons entitled to use the College Library can have a departmental libraries by applying to the Superintendent of at Gore Hall; but such libraries are primarily for the special schools and departments, and are placed in the buildings or rooms to such schools and departments.

The several libraries now contain about the following number of volumes:—

Gore Hall	8
Lawrence Scientific School	
Bussey Institution (Jamaica Plain)	
Phillips Library (Observatory)	
Botanic Garden (Herbarium Library)	
Law School	
Divinity School	
Medical School (Boston)	
Museum of Comparative Zoölogy	
Peabody Museum	
Arnold Arboretum	
Seven laboratory and fourteen class-room libraries,	

* This includes only a small part of the Whitney Collection of Geology not yet wholly enumerated.

The collection of pamphlets and maps in the College Library is very large, and is estimated to be equal in number to the collection of bound volumes. The departmental libraries have also considerable numbers of pamphlet monographs on subjects connected with their specialties; and these are not included in the count of volumes. The College Library has also a collection of coins. In the Fine Arts Department (Sever Hall), there is a collection of about 2500 photographs.

The catalogue of the Gore Hall Collection, including pamphlets, is on cards, accessible to the public, and consists of two parts, the one arranged by authors, the other by subjects. Printed strips of titles added to all the libraries are issued two or three times a week; and they are posted in Gore Hall and in the departmental libraries. They are also included in bound volumes of slips, kept in the Reading Room. A series of "Bibliographical Contributions," is in course of publication. Forty-nine of such publications have already been issued. More extensive bibliographical works constitute another series, "Special Publications," of which Scudder's "Catalogue of Scientific Serials" (1633-1876, 8vo, pp. 370) makes No. 1, published in 1879, and "An Index to the Subject Catalogue of Harvard College Library" makes No. 2, published in 1891. There has also been issued a Catalogue of the Gray Collection of Engravings (4to, 1869); but this collection has, for the present, been transferred from the Library to the Museum of Fine Arts in Boston.

The Librarian has the custody of the Archives of the University, and Mr. W. G. Brown is the clerk in immediate charge of them, as well as of the University Collection, which includes printed material of all sorts, illustrating the history of the College and University.

THE CHEMICAL LABORATORY.

OFFICERS.

HENRY B. HILL, A.M., *Director, and Professor of Chemistry.*
CHARLES L. JACKSON, A.M., *Erving Professor of Chemistry.*
THEODORE W. RICHARDS, PH.D., *Assistant Professor of Chemistry.*
JOSEPH TORREY, JR., A.M., *Instructor in Chemistry.*
WILDER D. BANCROFT, PH.D., *Instructor in Physical Chemistry.*
EUGENE T. ALLEN, PH.D., *Assistant in Elementary Chemistry.*
HARRIS E. SAWYER, A.B., *Assistant in Qualitative Analysis.*
FREDERICK L. DUNLAP, S.B., *Assistant in Organic Chemistry.*
FRANK B. GALLIVAN, A.B., *Assistant in Descriptive Chemistry.*
MARTIN H. ITTNER, PH.B., S.B., *Assistant in Descriptive Chemistry.*
GEORGE OENSLAGER, A.B., *Assistant in Descriptive Chemistry.*
ROBERT W. FULLER, *Assistant in Descriptive Chemistry.*
JOHN P. SYLVESTER, *Assistant in Qualitative Analysis.*

The Chemical Department occupies the whole of Boylston Hall and also the mineralogical section of the University Museum.

Boylston Hall was erected in 1857 with a fund bequeathed by the late WARD NICHOLAS BOYLSTON, which was subsequently largely increased by subscription. The hall was enlarged by the addition of a third story in 1870, and the accommodations were still further extended in 1891. Besides several private laboratories and preparation rooms, the building contains six large laboratories for students. A room on the upper story with one hundred desks is especially devoted to qualitative and descriptive work. A large laboratory at the west end is fitted with all the modern appliances for the study of organic chemistry. On the lower story a laboratory with thirty-six places is reserved wholly for quantitative work, and connected with it is a weighing room, a furnace room, a machine shop, and a room of nearly constant temperature for gas analysis and thermo-chemistry. On the same story is a laboratory, with twelve desks, especially fitted up for advanced work in inorganic chemistry; and further a large laboratory with eighty eight places for the most elementary class. On the second story are two large lecture-rooms, a reading-room, departmental library, and a chemical museum.

All the courses of instruction in Chemistry to students of Harvard College, of the Lawrence Scientific School, and of the Graduate School, are given in Boylston Hall; all those in Mineralogy at the University Museum. (See p. 528.) The laboratories in both buildings are open to special students to follow any line of chemical or mineralogical investigation. The facilities for research are unusually great.

JEFFERSON PHYSICAL LABORATORY.

JOHN TROWBRIDGE, S.D., *Director.*
BENJAMIN O. PEIRCE, PH.D., *Professor.*
EDWIN H. HALL, PH.D., *Assistant Professor.*
WALLACE C. SABINE, A.M., *Instructor.*
LEWIS D. HILL, A.B., *Assistant.*
WILLIAM DUANE, A.B., *Assistant.*
FREDERICK C. McLAUGHLIN, A.B., *Assistant.*
GEORGE B. RICHARDSON, S.B., *Assistant.*
GIFFORD LECLEAR, *Assistant.*
GEORGE W. THOMPSON, *Mechanician.*

In 1881 Mr. T. JEFFERSON COOLIDGE gave \$115,000 to the College for a new physical laboratory, on condition that \$75,000 should be raised by subscription and the income appropriated to its support. The building was finished in Oct., 1884, and is called the Jefferson Physical Laboratory. All the instruction in Physics, by recitations, lectures, and experimental work, to students of Harvard College, of the Lawrence Scientific School, and of the Graduate School, is given in this building, which accommodates the various physical cabinets. The building is four stories high, if the basement is included. In the eastern wing the whole height is divided between a large lecture-room below, and the great laboratory above. In the central and western portions of the building are three recitation-rooms for sections of forty or less; but the principal part of the central and western portions is broken up into a large number of small rooms, where the professors, assistants, and advanced students can pursue their separate investigations, and be secured against intrusion, or any disturbance of their instruments. In the basement and first story, stone tables, each supported by its own column of masonry, and without contact with the floors, furnish firm support for these instruments. In the centre of the western wing a large rectangular tower stands on an independent foundation, and is isolated from the surrounding rooms. It is designed for investigations which demand extraordinary stability, or a great height: as in Foucault's pendulum-experiment. Small openings have been left in the brick partitions which divide the length of the building, by means of which a long path is available for such experi-

ments as that on the velocity of light. In the western wing, iron nails and pipes which would disturb delicate experiments in magnetism, have been carefully excluded. In the bottom of the tower, a small underground room has been excavated for experiments which require a constant temperature.

A room is devoted to the accurate measurement of electrical resistances and is provided with standard coils.

A comparator for the measurement and comparison of standards of length occupies a room in the basement of the laboratory.

The photographic room adjoins a large space on the fourth floor, which contains the rooms especially arranged for spectrum analysis. There are four principal laboratory rooms. One of these is 40x60 feet and is devoted to elementary laboratory instruction. A time wire from the Observatory is led to this room. The laboratory for advanced instruction in electricity is in the basement and is provided with instruments of the latest type. A machine room is supplied with power from a gas engine. In this room is a milling machine, a large machine lathe, a smaller lathe, and other mechanical appliances for designing and making apparatus. The machine room is under the charge of a skilled mechanician. Power can also be obtained from a twenty-five-horse-power engine which is placed in a house outside of the laboratory. This house also contains the dynamo machines.

THE UNIVERSITY MUSEUM

AND

NATURAL HISTORY LABORATORIES.

The University Museum consists of the Museum of Comparative Zoölogy, the Botanical Museum, the Mineralogical Cabinet, the Natural History Laboratories, and the Peabody Museum of American Archaeology and Ethnology.

The entrance to the Museum of Comparative Zoölogy and the Peabody Museum is from Divinity Avenue. The Natural History Laboratories, the Botanical and Mineralogical Departments are entered from Oxford Street.

The Museum of Comparative Zoölogy consists of the North wing of the University quadrangle (60 x 200 feet). The Natural History Laboratories are in the N. W. corner piece of the same quadrangle (95 x 75), and in the adjoining sections of the central part of the University Museum of the Oxford Street façade.

The Botanical Museum occupies the central section of the University Museum, together with one-third of the southern sections.

The Mineralogical Museum occupies the southern section of the Oxford Street façade (60 x 60).

The S. W. corner piece will contain large Lecture Rooms and Laboratories for the Natural History Departments, and its Exhibition Rooms will connect the Oxford Street façade of the Museum with the Peabody Museum (see p. 529), which, when completed, will form the South wing of the Museum building.

THE MUSEUM OF COMPARATIVE ZOÖLOGY.

FACULTY.

CHARLES W. ELIOT, LL.D., *President.*
ALEXANDER AGASSIZ, LL.D., *Curator.*
JOSIAH D. WHITNEY, LL.D., *Secretary.*
GEORGE L. GOODALE, M.D., LL.D.
HENRY P. WALCOTT, A.B., M.D.

OFFICERS.

- ALEXANDER AGASSIZ, LL.D., *Director and Curator.*
JOSIAH D. WHITNEY, LL.D., *Sturgis Hooper Professor of Geology.*
NATHANIEL S. SHALER, S.D., *Professor of Geology.*
EDWARD L. MARK, Ph.D., *Hersey Professor of Anatomy.*
WILLIAM M. DAVIS, M.E., *Professor of Physical Geography.*
J. ELIOT WOLFF, Ph.D., *Assistant Professor of Petrography.*
WALTER FAXON, S.D., *Assistant in Zoölogy.*
D. D. SLADE, M.D., *Assistant in Osteology.*
SAMUEL GARMAN, *Assistant in Herpetology and Ichthyology.*
WILLIAM BREWSTER, *Assistant in Ornithology and Mammalogy.*
ALPHEUS HYATT, S.B., *Assistant in Palæontology.*
SAMUEL HENSHAW, *Assistant in Entomology.*
J. B. WOODWORTH, S.B., *Instructor in Geology.*
H. L. SMYTH, C. E., *Instructor in Geological Surveying.*
W. McM. WOODWORTH, Ph.D., *Instructor in Microscopical Anatomy.*
ROBERT T. JACKSON, S.D., *Instructor in Palæontology.*
GEORGE H. PARKER, S.D., *Instructor in Zoölogy.*
C. B. DAVENPORT, Ph.D., *Instructor in Zoölogy.*
FRANCES M. SLACK, *Librarian.*
MAGNUS WESTERGREN, *Artist.*
H. S. JENNINGS, *Assistant in the Zoölogical Laboratories.*
HERBERT V. NEAL, A.M., *Assistant in the Zoölogical Laboratories.*
R. DE C. WARD, A.M., *Assistant in Meteorology.*
R. E. DODGE, A.M., *Instructor in Geology.*
LEON S. GRISWOLD, A.B., *Instructor in Geology.*
C. L. WHITTLE, *Assistant in the Petrographical Laboratory.*
R. A. DALY, A.M., *Assistant in Geology.*
C. R. EASTMAN, Ph.D., *Assistant in Palæontology.*

The Museum is under the management of a Faculty, who nominate the Curator, the Sturgis Hooper Professor, and appoint the Assistants.

The Curator is charged with the direction of the scientific and educational interests of the Museum, as well as of its relations to the public.

The Exhibition Rooms open to the public are the Synoptic Room, the rooms containing the systematic collections of Mammals, Birds, Reptiles, Fishes, Mollusks, Crustacea and Insects, Radiates, Sponges and Protozoa, also the rooms devoted to the faunal collections of Europe, of North and South America, the Indo-Asiatic, the African, the Australian Realms, and the Atlantic and Pacific Rooms and the Rooms devoted to the Quaternary and Tertiary fossils. The collections, so far as arranged, are

open to visitors every week-day, from 9 A.M. till 5 P.M., and on Sunday, from 1 P.M. till 5 P.M. Entrance on the south side of the North wing.

The publications of the Museum consist of an annual Report (1861-1894) of an octavo Bulletin (vols. i.-xxiv.) and of Memoirs in quarto (vols. i.-xvii.). The Bulletin and Memoirs are devoted to the publication of original work by the Professors and Assistants of the Museum, of investigations carried on by students and others in the different laboratories of Natural History, and of work by specialists based upon the Museum collections.

The Library of the Museum is on the second floor of the N. W. corner of the Museum. It is intended for the use of the Professors and Students of the Natural History Departments. The Library contains over 21,000 volumes, exclusive of pamphlets. The Reading room is open from 9 to 1 and from 2 to 5.

LABORATORIES.

OF ZOÖLOGY, PALAEONTOLOGY, ENTOMOLOGY, GEOLOGY, PETROGRAPHY, AND PHYSICAL GEOGRAPHY.

The courses of instruction in Geology, Physical Geography and Meteorology, Petrography, Palaeontology, Zoölogy, Microscopical Anatomy, Osteology, Embryology, Entomology, are given in the Laboratories (entrance on Oxford Street) connected with the Museum.

Courses of instruction in Geology numbered 1, 2, 6, 7, 20, and 21, by Professor Davis, are given in the Geographical Laboratories. Courses 4, 14, 15, 16, 18, 22a, 24, 25, and 26, by Professors Whitney, Shaler, and Davis, and Mr. Griswold, are given in the Geological and Palaeontological Laboratories. Course 8 is given by Mr. J. B. Woodworth in the Geological Lecture Room. Courses 12 and 23 are given by Assistant Professor Wolff, and Courses 10, 11, and 27, by Mr. Smyth, in the Petrographic Laboratory. Courses in Zoölogy numbered 1, 2, 3, 4, 5, 6, 7, 20a, by Professor Mark and Drs. Davenport, Parker, and Woodworth, are given in the Zoölogical and Embryological Laboratories. Course 20c is given by Dr. Slade in the Osteological Department.

The Instructors and Assistants of the Museum also receive Special Students in their respective departments.

The income of the Humboldt Fund (about \$400) is applied, with the advice of the Faculty of the Museum, towards the maintenance of one or more persons engaged in study at the Museum, at the Newport Marine Laboratory, or at the Wood's Holl Fish Commission Station.

Several tables of the Newport Marine Zoölogical Laboratory are reserved for advanced students. Two of the tables of the U. S. Fish Commission

at Wood's Holl are also at the disposal of the Director of the Museum, to whom application should be made before the first of May. Candidates should specify their qualifications and the work they intend to carry out.

The Faculty of the Museum of Comparative Zoölogy will receive applications from candidates desiring to occupy the table at the Naples Zoölogical Station, which has been placed at its disposal from October 1, 1893. The applicant must be (or have been recently) a student or instructor at some American university, preferably a person who has taken the degree of Ph.D. or S.D.; he must have published some creditable original investigation, and should be recommended as an able investigator by the professor under whom he has studied. Applicants will please forward to the Director of the Museum their recommendations and a statement of their qualifications and of the subject to which they hope to devote themselves. In order that the Faculty may make the most satisfactory disposition of the table during the whole year, applicants are requested to state the length of time they desire to remain at Naples, and also the earliest and latest dates within which they can avail themselves of the appointment. The Faculty will, at suitable intervals, nominate to the Corporation of Harvard College for approval the incumbent or incumbents for the year 1894-95.

The Virginia Barret Gibbs Scholarship, of the value of \$250, is assigned annually with the approval of the Faculty of the Museum at the recommendation of the Professors of Zoölogy and of Comparative Anatomy in Harvard University "in supporting or assisting to support one or more students who may have shown decided talents in Zoölogy and preferably in the direction of Marine Zoölogy."

THE BOTANICAL MUSEUM.

GEORGE L. GOODALE, M.D., *Fisher Professor of N*
WILLIAM G. FARLOW, M.D., *Professor of Cryptoga*
ROLAND THAXTER, PH.D., *Assistant Professor of*
Botany.

ARTHUR B. SEYMOUR, S.M., *Assistant in Cryptogan*
HERBERT M. RICHARDS, S.B., *Assistant.*
HERBERT LYON JONES, A.B., *Assistant.*
JOSEPH W. BLANKINSHIP, A.B., *Assistant.*
ALONZO McG. COLLETTE, *Assistant.*

The collections accessible to the public are on the thi
central section of the University Museum. They are design
the principal systematic, biological and economic relations
large and increasing Ware Collection of glass models of flo
plants, prepared by the artists Leopold and Rudolph Blaschk
occupies the large exhibition room. Contiguous rooms cont
of Cryptogam and economic products.

LABORATORIES

OF CRYPTOGAMIC AND PHANEROGAMIC BO

The Cryptogamic Laboratories occupy the whole of
(60 x 120). Here is also kept the extensive Herbarium of
and Lichens. (Not open to the public.)

The Laboratories of Phanerogamic Botany are on the se
are supplemented by private workrooms in other parts of
section. On the ground floor is stored for the present the l
of Fossil plants.

The N. C. Nash Botanical Lecture-room, the gift of a r
in memory of his father, is on the first floor of the Museum.

MINERALOGICAL MUSEUM.

CHARLES L. JACKSON, A.M., *Erving Professor of Chemistry and Acting Curator.*

J. E. WOLFF, Ph.D., *Assistant Professor of Petrography and Instructor in Mineralogy.*

C. L. WHITTLE, *Assistant in Mineralogy.*

The mineralogical section of the University Museum, built in 1890-91 with a fund of about \$50,000, raised wholly by subscription, forms the southern end of the whole Museum, so far as at present completed. Entrance is by the south door on Oxford Street.

The exhibition room and gallery occupy the third and fourth floors and are open to the public on Wednesday, Saturday and Sunday afternoons, from 1 to 5.

The main mineralogical collections of the University are deposited here; they contain on the ground floor and gallery the large systematic collection with special features and collections, such as the J. Lawrence Smith collection of meteorites, the William Sturgis Bigelow agates, the Hamlin collection of tourmalines, and many unique specimens presented by James A. Garland and others.

MINERALOGICAL LABORATORIES.

The Laboratories of Mineralogy occupy the second floor, first floor, and basement, and contain a laboratory for advanced crystallographic investigation and optical mineralogy on the second floor; the large lecture room, general laboratory for elementary mineralogy and blow-pipe analysis, preparation-room and library on the first floor, and in the basement a chemical laboratory equipped for mineral analysis, and two assay rooms equipped with furnaces for assaying and metallurgy.

The courses in mineralogy and crystallography (Chemistry 2, 7, and 20e) are given in these laboratories, where the instructors also receive properly qualified students who wish to follow special lines of mineralogical investigation.

THE PEABODY MUSEUM
OF
AMERICAN ARCHAEOLOGY AND ETHNOLOGY

OCTOBER 8, 1866.

TRUSTEES.

STEPHEN SALISBURY, A.M., LL.B., *Chairman.*
FRANCIS CABOT LOWELL, A.B., *Treasurer.*
SAMUEL HUBBARD SCUDDER, S.D., LL.D.
WILLIAM H. NILES, Ph.B., A.M.
CHARLES P. BOWDITCH, A.M.
ALEXANDER AGASSIZ, LL.D.
GEORGE E. ELLIS, LL.D.

OFFICERS AND ASSISTANTS.

FREDERIC WARD PUTNAM, A.M., S.D., *Curator, and Peabody Professor of American Archaeology and Ethnology.*
EDWARD E. CHICK, *Assistant in Charge of the Building.*
JANE SMITH, *Assistant.*
FRANCES H. MEAD, *Assistant.*
ALICE C. FLETCHER, *Assistant (Holder of the Thaw Fellowship).*
ZELIA NUTTALL, *Assistant in Mexican Archaeology.*
GEORGE A. DORSEY, Ph.D., *Assistant in Anthropology (Holder of the Hemenway Fellowship).*
CHARLES C. WILLOUGHBY, *Assistant in Museum.*

The entrance to the Museum is on Divinity Avenue. The present building is one-half of the contemplated structure which will form the southern wing of the University Museum. The Museum is in charge of the Curator and is open to the public, under proper restrictions, from 9 A.M. till 5 P.M. throughout the year, Sundays and holidays excepted. The arrangement of the collections is intended to facilitate research in General Anthropology with special reference to American and Comparative Archaeology and Ethnology. One of the galleries is temporarily occupied

THE PEABODY MUSEUM.

by the Semitic Museum of the University. The large upper hall is given to the Hemmenway Collection of Archaeology and Ethnology of the southwestern tribes. The library is open to members of the University. The publications of the Museum consist of Annual Reports, Special Papers and Memoirs, which are for sale.

The Peabody Professor offers a course of study in General Anthropology with special reference to American Archaeology and Ethnology, for students in the Graduate School, for undergraduates by special permission, and for private students.

The Serpent Mound Park in Adams County, Ohio, containing the great Serpent Mound, is the property of the Peabody Museum. The park has been laid out as an appropriate surrounding to the important prehistoric monument it contains, and is free to the public under proper restrictions.

THE SEMITIC MUSEUM.

DAVID GORDON LYON, PH.D., *Curator, and Hollis Professor of Divinity.*

The Semitic Museum was founded in 1889 by JACOB H. SCHIFF, Esq., and was opened on May 13, 1891. It is in charge of Professor D. G. Lyon, Curator, occupies temporarily a gallery in the new section of the Peabody Museum building, and is open to students and the public daily, except Sundays and holidays, from 9 A.M. till 5 P.M. The object of the Museum is to gather such materials as shall illustrate the Semitic instruction given in the University, provide students and other specialists with the means of original research, and give to the general visitor as complete a view as possible of the products of Semitic art and archaeology.

The collection contains manuscripts, coins, photographs, Babylonian-Assyrian seals and clay tablets, Phœnician glassware and a large number of casts of the finest of the Semitic monuments in the European museums. The objects are provided with descriptive labels. Beginning on the left of the door, the chronological order has been followed, where the size of the objects and the date of arrival have not hindered. The high cases in the room are largely filled with casts of Assyrian monuments, chiefly from the palaces of Assurnazirpal and Assurbanipal, ninth and seventh centuries B.C. The colored casts of monuments from the Babylonian ruin called Tello and from the ruins of the Persain Susa are among the finest in the collection. There are also casts of Hittite bas-reliefs and of Hittite and Persian inscriptions. There are twenty-five Mohammedan mortuary stones from Egypt with inscriptions in the Cufic character. A few of the manuscripts belonging to the museum, Syriac, Hebrew and Arabic, are exhibited in the railing case. The oldest is a Syriac manuscript of the Gospels written in 1207. Among the Hebrew manuscripts are a roll of the Law and rolls of the Prophets. Some of the latter are from Arabia and contain besides the Hebrew text a translation into Arabic written in Hebrew characters. In a case on the left of the door are the original Babylonian clay tablets, while one on the right contains the original stone seals and reproductions of many other small Assyrian and Babylonian objects. Of the many hundred photographs which the museum possesses, a few, chiefly representing Palestinian scenery, are on exhibition. In the room below is the cast of a winged lion, while in the basement are many cases of casts which, partly for lack of space, cannot yet be exhibited.

BOTANIC GARDEN AND HERBARIUM.

GEORGE L. GOODALE, M.D., LL.D., *Fisher Professor of Natural History and Director of the Botanic Garden.*

BENJAMIN L. ROBINSON, Ph.D., *Curator of the Herbarium.*

CYRUS G. PRINGLE, *Collector for Garden and Herbarium.*

MERRITT L. FERNALD, *Assistant in Herbarium.*

JESSE M. GREENMAN, A.B., *Assistant in Herbarium.*

MARY A. DAY, *Librarian of the Herbarium.*

The Botanic Garden occupies about seven acres of land at the corner of Linnaean and Garden Streets, Cambridge. More than five thousand species of flowering plants are cultivated for educational and scientific purposes. The grounds and greenhouses are open to the public daily, from sunrise to sunset.

To students properly qualified, specimens of flowers and living plants are freely furnished, and facilities are offered for prosecuting investigations. Under certain restrictions students are supplied with all necessary appliances for conducting experiments in vegetable physiology.

The Herbarium of the University, now numbering more than two hundred thousand sheets, including the types described in the Synoptical Flora of North America, is contained in a building at the Botanic Garden. To graduate students properly prepared, it is open for consultation under the direction of the Curator.

The Botanical Library of the Herbarium, containing over nine thousand volumes and pamphlets, is accessible for consultation to all advanced students of Botany.

The botanical sections of the University Museum (see p. 527), contain (1) the laboratories of Phanerogamic and Cryptogamic Botany, (2) the extensive Herbarium of Cryptogamic Botany, (3) Laboratory Library and Herbarium, (4) the Botanical Museum, comprising illustrations of economic botany, as yet not accessible to the public, and the Ware collection of Blaschka glass models of plants.

THE ASTRONOMICAL OBSERVAT

FACULTY.

CHARLES W. ELIOT, LL.D., *President.*

EDWARD C. PICKERING, LL.D., *Paine Professor
Astronomy, and Director.*

ARTHUR SEARLE, A.M., *Phillips Professor of Astrono*

WILLIAM H. PICKERING, S.B., *Assistant Professor*

SOLOMON I. BAILEY, A.M., *Assistant Professor of Astro*

OLIVER CLINTON WENDELL, A.M., *Assistant.*

J. RAYNER EDMANDS, S.B., *Assistant.*

A. LAWRENCE ROTCH, A.M., *Assistant in Meteorolog*

WILLARD P. GERRISH, *Assistant.*

This Observatory was founded for the purpose of scientific all departments of Astronomy. To fulfil this purpose, it has with instruments of the first class and with a library of about (of which about half are pamphlets), principally relating to subjects. It has likewise been provided with funds for the and increase of its equipment and library, and for the payment expenses, special provision having also been made for t of its observations.

One of the principal departments of the Observatory is the Memorial, maintained by Mrs. Draper to permit the study of the spectra and other physical properties of the fixed star

The Boyden Fund furnishes the means of establishing station at a considerable elevation, to avoid the serious observation which arise from atmospheric causes. After experiments on mountains in Colorado and California, a station was established in the Andes, near Chosica, Peru, under the direction of BAILEY. This has been transferred to a site about 8000 feet above Arequipa, Peru, where observations were conducted for two years in the direction of Professor W. H. PICKERING. Professor BAILEY returned to Peru and has taken charge of the station. He has established a meteorological station at an elevation of 19,200 feet on the summit of the volcano El Misti.

In coöperation with the Blue Hill Meteorological Observatory, under the direction of Mr. ROTCH, meteorological observations are maintained, and the results published in the *Annals of the Observatory*.

In coöperation with the New England Weather Service, observations are made at nearly two hundred stations distributed over New England, and the results are published in the *Annals*, which also contain the results of investigations by members of the New England Meteorological Society.

The Observatory is now provided with a photographic telescope of greater size than that of any similar instrument hitherto constructed. This telescope is the gift of Miss C. W. Bruce, of New York. Its object-glass consists of four lenses, each 24 inches in aperture. The work for which it is specially designed is the production of stellar charts and photographs of stellar spectra.

By the mutual consent of astronomers, the Kiel and Harvard Observatories have been selected as the centres for the prompt announcement of astronomical discoveries. For example, when a comet is discovered in America its position is telegraphed to this Observatory, from here to Kiel, and thence to all the principal observatories of Europe.

Forty assistants take part in the work of the Observatory. The results obtained are published in a series of *Annals*, and now fill thirty quarto volumes. The preparation of these volumes occupies a large part of the force at the Observatory in Cambridge. Besides this labor, a large amount of observation is done there, several instruments being kept in constant use. The largest of these are the fifteen-inch and six-inch equatorial telescopes, the eight-inch transit circle, the eleven-inch Draper photographic telescope, the eight-inch photographic telescope, and the meridian photometer.

Instruction in astronomy is not given at the Observatory, either by lectures or recitations. Facilities are freely offered to astronomers for making use of the library, buildings, grounds, and instruments of the Observatory, so far as this can be done without interfering with regular work. Similar opportunities are sometimes offered to special students in astronomy, but the constant employment of the principal instruments greatly limits the use that can be made of them for this purpose. Such students may apply for admission to the Director, with whom the fees for the privileges offered may be agreed upon. In some cases a part or the whole of the fees may be remitted in consideration of services rendered in computation.

THE ARNOLD ARBORETUM.

CHARLES S. SARGENT, *Arnold Professor of Arboriculture, Director.*
CHARLES E. FAXON, *Assistant, in charge of Herbarium and Museum.*
JACKSON DAWSON, *Superintendent.*

The Arnold Arboretum was founded for the purpose of scientific research and experiment in Arboriculture, Forestry, and Dendrology, and as a Museum of trees and shrubs suited to the climate of Massachusetts. The Arboretum occupies a portion of the Bussey farm in West Roxbury, 160 acres in extent, and under a special arrangement with the City of Boston, is open to the public every day in the year from sunrise to sunset. The living collections are supplemented by an Herbarium, Museum, and Library.

Any one properly qualified to pursue the study of practical arboriculture or forestry may be admitted to the Arboretum as a student. Such students will be permitted to take part in the work carried on in the Arboretum as well as to make use of its Library. They will also receive from the officers of the Arboretum such assistance and advice in the study of any branch of Arboriculture or Dendrology as can be rendered without interference with current work. In order to study with advantage in the Arboretum, the student should already possess such a degree of botanical knowledge as is implied in a thorough acquaintance with "Gray's Botanical Text Book," or any equivalent work. He must have some knowledge of horticultural methods and practice, and should be familiar with the native trees at least of the New England States.

Application for admission may be made to the Director, with whom the fees for instruction may be agreed upon. Fees may be remitted in consideration of services performed.

UNIVERSITY FACILITIES

FOR

EXERCISE, PHYSICAL TRAINING, AND ATHLETIC SPORTS.

THE HEMENWAY GYMNASIUM.

DUDLEY ALLEN SARGENT, A.M., M.D., S.D., *Director.*

JAMES GRAY LATHROP, *Instructor.*

LEWIS HURLBUTT BETTS, *Recorder.*

The gymnasium, named in honor of AUGUSTUS HEMENWAY of Boston, who gave it to the University, is a handsome and spacious structure, built and equipped with the utmost thoroughness. It is furnished with the best patterns of ordinary gymnastic apparatus, and with many new appliances designed to develop the different parts of the body, and so constructed that they can be adjusted to the strength of the strong or to the weakness of the weak.

The Gymnasium is open to all members of the University free of expense, on week days from 11 A.M. to 1 P.M., 3 to 5.30, and 8 to 10 P.M., except on Saturdays, when it is closed at 6 o'clock.

The attendance is voluntary, and the system adopted is one designed to meet the special wants of each individual. Realizing the great diversity in age, size, and strength, as well as in health, of the students who attend the University, the Director makes no attempt to group them into classes which pursue the same course of exercises.

Upon entering the University, each student is entitled to an examination by the Director, in which his physical proportions are measured, his strength tested, his heart and lungs examined, and information solicited concerning his general health and inherited tendencies. From the data thus procured, a special order of appropriate exercises is made out for each student, with specifications of the movements and apparatus which he may best use. These exercises are marked in outline on cards without charge, or in handbooks accompanied by charts, at a small expense. After working on this prescription for three or six months, the student is entitled to another examination, by which the results of his work are ascertained, and the Director enabled to make a further prescription. Students holding scholarships are expected to be examined twice a year; and those desiring to enter athletic contests are required to be examined by the Director and obtain his permission so to do.

In addition to the individual prescriptions, there are classes in Free Movements and Light Gymnastics designed to afford an opportunity for general development to all students of the University who are not members of the athletic teams or who are not in need of specially prescribed exercises.

COMMITTEE ON THE REGULATION OF ATHLETIC SPORTS.

FACULTY MEMBERS.

JAMES BARR AMES, A.M., LL.B., *Professor of Law.*

GEORGE A. BARTLETT, A.M., *Associate Professor of German.*

WILLIAM MORRIS DAVIS, M.E., *Professor of Physical Geography.*

GRADUATE MEMBERS.

EDWARD H. BRADFORD, M.D.

WILLIAM HOOPER, A.B.

PERRY D. TRAFFORD, A.B.

UNDERGRADUATE MEMBERS.

PARKER W. WHITTEMORE, *Class of 1895.*

JOHN C. FAIRCHILD, *Class of 1896.*

ROBERT H. STEVENSON, Jr., *Class of 1897.*

OFFICERS.

JAMES BARR AMES, *Chairman.*

JOHN C. FAIRCHILD, *Secretary.*

FRED W. MOORE, *Graduate Treasurer.*

The President and Fellows established the Committee on the Regulation of Athletic Sports by the following vote, to which the Overseers consented:—

“*Voted*, That the following be adopted as one of the standing rules and orders of the President and Fellows and the Board of Overseers:—

“A Committee for the Regulation of Athletic Sports shall hereafter be annually appointed and chosen as follows: three members of the University Faculties, and three graduates of the College—these six to be appointed by the Corporation with the consent of the Overseers; and also three undergraduates to be chosen during the first week of the College year by the majority vote of the following students: the Presidents of the Senior Junior and Sophomore classes, and a representative from each of the following athletic organizations: the Boat Club, the Cricket Club, and the Athletic, Base-ball, Foot-ball, Cycling, and Tennis Associations,

who shall be called together for the purpose of making this choice by the President of the University.

"This Committee shall have entire supervision and control of all athletic exercises within and without the precincts of the University, subject to the authority of the Faculty of Arts and Sciences, as defined by the Statutes."

Under the authority thus conferred the Committee exercises a general supervision over the grounds and buildings devoted by the University to athletic sports and exercise; over the times and places of athletic contests; and over the physical condition of those engaged in them. The regulations framed by the Committee forbid the employment of unauthorized persons as trainers, and require intercollegiate and other contests to be held at such times and places as will cause least interference with study. No person is permitted to take part in athletic contests without a physical examination by the Director of the Gymnasium, and his permission so to do. No person who is not a student of some department of the University in full and regular standing is allowed to take part in any athletic contest or exhibition. The Committee chooses its own officers, and appoints a Graduate Treasurer, who exercises supervision over the accounts of all athletic organizations using University grounds or buildings. The Committee makes a report annually to the President of the University.

ATHLETIC BUILDINGS.

Besides the Gymnasium, four other buildings are held, either by the University or by trustees, for the exclusive use of students of the University.

By the gift of Henry Astor Carey, Esq., a substantial brick building was erected in 1889-90 on Holmes field for the use of members of the principal teams. It has a floor area of 7848 square feet.

The University Boat House, situated on Charles River, about half a mile from the College, is used principally by regular crews. It has a floor space of 6893 square feet.

By the gift of George W. Weld, Esq., a second boat house was erected in 1889-90 for the use chiefly of students not rowing on regular crews. It is situated about one third of a mile from the College, and has lockers and boat-storage sufficient for the use of 300 students.

By subscriptions from Alumni the "Locker Building" was erected in 1893-94 on Soldier's Field. This building has a capacity of 1500 lockers, and contains also large shower-rooms and dressing-rooms.

PLAY-GROUNDS.

For out-door exercise, the University and the students themselves have provided three grounds. Holmes Field, adjacent to the Gymnasium and Carey Building, is about 450 feet by 600 feet, and has an unencumbered area of about five acres. The students have provided permanent seats for more than 5000 persons, and have laid down around the field a quarter mile running track.

Jarvis Field, a few hundred feet from Holmes Field, is about four acres in area, and is used exclusively by tennis-players.

The gift made to the University in 1890 by Henry L. Higginson, Esq., affords the students an additional play-ground of twenty acres. This new field, called the Soldier's Field, is situated just across the Charles River, and is within easy reach of the College Yard.

COMMITTEES APPOINTED BY THE BOARD OF OVERSEERS.

ON ELECTIONS. — George O. Shattuck, Samuel Hoar, Edmund Wetmore, Henry H. Sprague, Robert M. Morse.

ON REPORTS AND RESOLUTIONS. — Moses Williams, Francis Rawle, Roger Wolcott, Augustus Hemenway, Arthur T. Lyman, Edwin P. Seaver, William A. Bancroft.

ON DEPARTMENTS: —

To visit the Divinity School. — Arthur T. Lyman, William Lawrence, Francis B. Hornbrook, Alexander McKenzie, Charles F. Dole, George S. Hale, Archibald M. Howe, Bradley Gilman.

To visit the Law School. — Charles J. Bonaparte, Charles C. Beaman, James C. Carter, Robert M. Morse, Francis C. Lowell, Louis D. Brandeis, Joseph B. Warner, Henry W. Putnam.

To visit the Medical and Dental Schools. — George B. Shattuck, Henry H. Sprague, Samuel A. Green, Charles F. Folsom, Morrill Wyman, John S. Billings, William S. Bigelow, George von L. Meyer.

To visit the Veterinary School. — George G. Crocker, Augustus Hemenway, Theodore A. Dodge, Albert S. Bigelow, Lamont G. Burnham, George G. Kennedy, Samuel A. Hopkins, J. Arthur Beebe, E. Pierson Beebe, Edwin D. Morgan.

To visit the Bussey Institution. — Roger Wolcott, Augustus P. Loring, James S. Russell, Francis H. Appleton, William H. Forbes, Augustus P. Gardner, Robert H. Gardiner.

To visit the Library. — George E. Adams, Samuel A. Green, Moorfield Storey, Stephen Salisbury, Charles C. Smith, George W. Wales, Julius Dexter, Elihu Chauncey, S. A. B. Abbott.

To visit the Observatory. — T. Jefferson Coolidge, George O. Shattuck, Charles R. Codman, Edwin P. Seaver, William G. Russell, John C. Palfrey, Robert Treat Paine, Charles F. Choate, Frederick O. Prince, Francis H. Peabody, Charles P. Bowditch, George I. Alden, Percival Lowell.

To visit the Botanic Garden and Herbarium. — Henry Lee, Hollis H. Hunnewell, Augustus Lowell, George G. Kennedy, Benjamin P. Cheney, George W. Hammond, Nathaniel T. Kidder, Nathaniel C. Nash, George A. Nickerson, David Pingree, John L. Gardner, Eugene Van R. Thayer.

To visit the Museum of Comparative Zoölogy. — Charles F. Folsom, Abbott Lawrence Lowell, Louis Cabot, Francis L. Higginson, Arthur T. Cabot, Charles B. Corey.

To visit the Peabody Museum. — Augustus Hemenway, Charles P. Bowditch, Henry W. Haynes, Jesse W. Fewkes, Clarence J. Blake, Clarence B. Moore, George A. Nickerson.

To visit the Arnold Arboretum. — Thomas L. Livermore, Stephen M. Weld, Walter Hunnewell, George W. Vanderbilt, Henry G. Russell, Morris K. Jessup, Charles F. Sprague.

To visit the Lawrence Scientific School. — Robert S. Peabody, Morrill Wyman, Eliot C. Clarke, Erasmus D. Leavitt, Albert A. Pope, John Lawrence, Henry M. Whitney, Horatio A. Lamb.

To visit the Physical Laboratory and Department of Physics. — Francis Blake, Edmund Wetmore, T. Jefferson Coolidge, Elihu Thomson, Abbott Lawrence Rotch, Erasmus D. Leavitt, William H. Forbes, Frederick P. Fish.

To visit the Chemical Laboratory. — Joseph Wharton, Stephen M. Weld, Wolcott Gibbs, Nathaniel Thayer, Edward D. Pearce, Alexander Cochrane, Samuel Cabot.

ON PHYSICAL TRAINING, ATHLETIC SPORTS, AND SANITARY CONDITION OF ALL BUILDINGS. — Robert Bacon, Augustus Hemenway, Charles F. Adams, 2d, George W. Weld, Robert F. Clark, Edwin Farnham, Maurice H. Richardson, William Hooper.

ON THE ADMINISTRATION OF THE UNIVERSITY CHAPEL. — Roger Wolcott, Samuel Hoar, Leverett Saltonstall, Arthur T. Lyman, William Lawrence, Frank H. Johnson, Francis W. Hunnewell, William H. Fish, Jr.

ON THE TREASURER'S ACCOUNTS. — Moses Williams, Roger Wolcott, Robert Bacon, Charles H. Parker, Israel M. Spelman, Jacob C. Rogers, John L. Gardner, Francis L. Higginson.

FOR THE COLLEGE:—

On Government. — William A. Bancroft, Samuel Hoar, Charles R. Codman, Francis C. Lowell, Stephen M. Weld, Moorfield Storey, Gardiner M. Lane.

FOR THE COURSES OF INSTRUCTION:—

On the Semitic Languages. — Jacob H. Schiff, Stephen Salisbury, George Wigglesworth, Isidor Straus.

On the Indo-Iranian Languages. — Henry C. Warren, A. V. Williams Jackson, Edward J. Young.

Classical Department. — Gardiner M. Lane, Henry W. Haynes, Edwin H. Abbott, Prentiss Cummings, Edmund Baylis, Babson S. Ladd.

542 COMMITTEES APPOINTED BY THE BOARD OF OVERSEERS.

On English Literature. — Horace E. Scudder, Henry A. Clapp, Charles E. L. Wingate, Joseph B. Warner.

On Composition and Rhetoric. — Charles F. Adams, Edwin L. Godkin, George R. Nutter.

On German. — Carl Schurz, J. Elliot Cabot, Charles E. Grinnell.

On French. — Horatio G. Curtis, John Templeman Coolidge, Jr., Nathan Appleton.

On Italian. — Charles H. Grandgent, William R. Thayer.

On Spanish. — George B. Shattuck, Joseph R. Coolidge, Samuel Eliot, Stephen Salisbury.

On Romance Philology. — Charles H. Grandgent, Henry R. Lang, Justin H. Smith.

On Philosophy. — Brooks Adams, Francis C. Lowell, George B. Dorr.

On Political Economy. — Arthur T. Lyman, Henry Lee, T. Jefferson Coolidge, John L. Gardner, Howard Stockton.

On Ancient History, Mediaeval History, and Roman Law. — Henry H. Sprague, William E. Russell, Abbott Lawrence Lowell.

On Modern History and International Law. — William F. Wharton, Brooks Adams, James S. Russell.

On Fine Arts. — Robert S. Peabody, James A. Garland, Edmund M. Wheelwright, Frederic P. Vinton, Samuel D. Warren, Edward Robinson.

On Music. — Horatio A. Lamb, John Fiske, Arthur Foote.

On Mathematics. — Benjamin A. Gould, George V. Leverett, Charles P. Bowditch, Seth C. Chandler.

On Botany. — Francis H. Peabody, Walter Hunnewell, Walter Deane.

On Zoölogy. — Clarence J. Blake, Walter Faxon, William Minot.

On Geology. — John Simpkins, Charles Fairchild, Alfred P. Rockwell.

DEGREE, HONOR, SCHOLARSHIP, AND PRIZE LISTS.
1894.

DEGREES.

On Commencement Day, June 28, 1894, degrees were conferred as follows:—

Honorary.

LL.D.

David Williams Cheever. Horace Howard Furness.
John Fiske. George Martin Lane.
James Bradley Thayer.

D.D.

Henry Van Dyke. Grindall Reynolds.

A.M.

Henry Austin Clapp. Russell Wheeler Davenport.
Edward Beverly Nelson.

In Course.

Ph.D.

Charles Montague Bakewell, A.B. (*Univ. of California*) 1889, A.M. (*Ibid.*)
1891, A.M. (*Harvard Univ.*) 1892.
Department, Philosophy. *Subject*, Metaphysics.
Thesis, "Hegelianism and Man."
Francis Kingsley Ball, A.B. 1890, A.M. 1891.
Department, Philology. *Subjects*, Greek and Latin.
Thesis, "De Frenis apud Antiquos."
John Bigham, A.B. (*Amherst Coll.*) 1887, A.M. (*Ibid.*) 1890, D.B. (*Yale Univ.*) 1892, A.M. (*Harvard Univ.*) 1893.
Department, Philosophy. *Subject*, Psychology.
Thesis, "An Experimental Study of Memory."
Frank Dyer Chester, A.B. 1891, A.M. 1892.
Department, Philology. *Subject*, Semitic Languages.
Thesis, "The Book of Songs."

George Amos Dorsey, A.B. (*Denison Univ.*) 1888, A.B. (*Harvard Univ.*) 1890.

Department, American Archaeology and Ethnology. *Subject*, Peruvian Archaeology.

Thesis, "The Necropolis of Ancon."

Edward Fulton, A.B. (*Dalhousie Univ.*) 1889, A.B. (*Harvard Univ.*) 1891, A.M. (*Ibid.*) 1892.

Department, Philology. *Subject*, English.

Thesis, "On the Authorship of the Anglo-Saxon Poem *The Phoenix*."

James Geddes, Jr., A.B. 1880, A.M. 1889.

Department, Philology. *Subject*, Romance Philology.

Thesis, "Study of an Acadian Dialect."

Charles Burton Gulick, A.B. 1890, A.M. 1891.

Department, Philology. *Subjects*, Greek and Latin.

Thesis, "De Scholiis Aristophaneis Quaestiones Mythicae."

Willis Hatfield Hazard, A.B. (*Haverford Coll.*) 1887, Gr. (*Gen. Theol. Sem., N. Y.*) 1891, A.M. (*Harvard Univ.*) 1892.

Department, Philology. *Subject*, Semitic Languages.

Thesis, "The Forty-second and Forty-third Psalms."

Charles Atwood Kofoid, A.B. (*Oberlin Coll.*) 1890, A.M. (*Harvard Univ.*) 1892.

Department, Natural History. *Subject*, Zoölogy.

Thesis, "Cleavage in *Limax*."

George Edgar Ladd, A.B. 1887, A.M. 1888.

Department, Natural History. *Subject*, Geology.

Thesis, "A Preliminary Study of the Fire Clays of the United States."

Maurice Whittemore Mather, A.B. 1890, A.M. 1891.

Department, Philology. *Subjects*, Greek and Latin.

Thesis, "Quo modo iaciendi verbi composita in praesentibus temporibus enuntiauerint et scripserint antiqui quaeritur."

Curtis Hidden Page, A.B. 1890, A.M. 1891.

Department, Philology. *Subject*, English and German Literature.

Thesis, "Carlyle: His Relation to the German Thinkers, especially Fichte."

Fred Norris Robinson, A.B. 1891, A.M. 1892.

Department, Philology. *Subject*, English.

Thesis, "On the Modal Syntax of Finite Verbs in the *Canterbury Tales*."

Elliot Folger Rogers, A.B. 1890, A.M. 1891.

Department, Chemistry. *Subject*, Inorganic Chemistry.

Thesis, "Atomic Weight of Zinc."

Arthur Wisswall Weyssse, A.B. 1891, A.M. 1892.

Department, Natural History. *Subject*, Zoölogy.

Thesis, "On the Blastodermic Vesicle of the *Sus Scrofa Domestica*."

S.D.

- Harry Sands Grindley, S.B. (*Univ. of Illinois*) 1888.
Department, Chemistry. Subject, Organic Chemistry.
Thesis, "On the Action of Alcoholates on Quinones."
- Winfield Scott Nickerson, S.B. 1890.
Department, Natural History. Subject, Zoölogy.
Thesis, "On Stichocotyle Nephropis, Cunningham."

A.M.

- Myron Eugene Baker, L.B. (*Univ. of Wisconsin*) 1890.
- Marshall Albert Barber, A.B. (*Univ. of Kansas*) 1891, A.B. (*Harvard Univ.*) 1892.
- Francis Gano Benedict, A.B. 1893.
- John Henry Boynton, A.B. 1890.
- Albert Francis Buck, A.B. (*Amherst Coll.*) 1890.
- Ernest Sisborne Burke, A.B. 1893.
- Edward Angus Burt, A.B. 1893.
- Raymond Calkins, A.B. 1890.
- Guy Stevens Callender, A.B. (*Oberlin Coll.*) 1891.
- James Oscar Campbell, A.B. (*Mt. Union Coll.*) 1879, A.M. (*Ibid.*) 1889.
- Walter Webster Campbell, D.B. (*Andover Theol. Sem.*) 1890, A.B. (*Harvard Univ.*) 1892.
- Edwin Stutely Carr, A.B. (*Knox Coll.*) 1892, A.M. (*Ibid.*) 1885, D.B. (*Yale Univ.*) 1885.
- Edward Howard Castle, A.B. (*Denison Univ.*) 1888, A.M. (*Ibid.*) 1891.
- William Ernest Castle, A.B. (*Denison Univ.*) 1889, A.B. (*Harvard Univ.*) 1893.
- William Van Allen Catron, A.B. (*Univ. of State of Missouri*) 1890, A.B. (*Harvard Univ.*) 1891.
- Edward Everett Canthorne, S.B. (*Univ. of Texas*) 1891, A.B. (*Harvard Univ.*) 1892.
- Henry Livingston Coar, A.B. 1893.
- Collier Cobb, A.B. 1889.
- Gilman Collamore, A.B. 1893.
- Howard Hamblett Cook, A.B. 1893.
- George Halliburton Crandall, A.B. (*Amherst Coll.*) 1892.
- Frederick William Dallinger, A.B. 1893.
- Bradley Moore Davis, A.B. (*Leland Stanford Jr. Univ.*) 1892, A.B. (*Harvard Univ.*) 1893.
- Richard Elwood Dodge, A.B. 1890.
- Louis Henry Dow, A.B. 1890.

- Charles William Downing, A.B. (*William Jewell Coll.*) 1890, A.M. (*Ibid.*) 1892, A.B. (*Harvard Univ.*) 1893.
- Clyde Augustus Duniway, A.B. (*Cornell Univ.*) 1892.
- Frank Edgar Farley, A.B. 1893.
- William Oliver Farnsworth, A.B. 1893.
- John Nelson Fellows, S.B. (*Univ. of State of Missouri*) 1892, T.E. (*Ibid.*) 1892, S.M. (*Ibid.*) 1893.
- Frederic Putnam Gulliver, A.B. 1893.
- Kenneth Sylvan Guthrie, A.B. (*Univ. of the South*) 1891, A.M. (*Ibid.*) 1891, PH.D. (*Tulane Univ.*) 1893.
- Billings Learned Hand, A.B. 1893.
- Samuel Bannister Harding, A.B. (*Indiana Univ.*) 1890.
- John Godard Hart, A.B. 1893.
- Perley Leonard Horne, A.B. 1892.
- Frank Irwin, A.B. 1890, S.B. 1891.
- Thomas Augustus Jaggard, Jr., A.B. 1893.
- Roger Wolcott Keep, A.B. 1887.
- Theodore Wesley Koch, A.B. (*Univ. of Penn.*) 1892, A.B. (*Harvard Univ.*) 1893.
- Gaillard Thomas Lapsley, A.B. 1893.
- Arthur Gardner Leacock, A.B. (*Syracuse Univ.*) 1892, A.B. (*Harvard Univ.*) 1893.
- Charles Henry Lincoln, A.B. 1893.
- George Grant McCurdy, B.S.D. (*State Normal School, Mo.*) 1887, A.B. (*Harvard Univ.*) 1893.
- Walton Brooks McDaniel, A.B. 1893.
- Edward Irving Manley, A.B. 1887.
- Curtis Fletcher Marbut, S.B. (*Univ. of State of Missouri*) 1889.
- Arthur Allen Marsters, A.B. 1893.
- Hugo Richard Meyer, A.B. 1892.
- William Vaughan Moody, A.B. 1893.
- Edgar Coit Morris, A.B. (*Hamilton Coll.*) 1889, A.M. (*Ibid.*) 1892.
- Arthur May Mowry, A.B. (*Brown Univ.*) 1883, A.M. (*Ibid.*) 1886.
- Herbert Vincent Neal, A.B. (*Bates Coll.*) 1890, A.B. (*Harvard Univ.*) 1893.
- Edwin Gordon Parker, A.B. (*McGill Univ.*) 1892.
- Thomas Drayton Parker, Gr. (*United States Naval Academy*) 1893.
- Peter James Pettinger, A.B. (*Univ. of Toronto*) 1893.
- John Parkhurst Putnam, A.B. 1891.
- Oliver Brewster Roberts, A.B. 1890.
- Kernan Robson, A.B. (*Ohio Normal Univ.*) 1891, A.B. (*Ohio Wesleyan Univ.*) 1892, A.M. (*Ibid.*) 1893.
- Howard Stanley Rosevear, A.B. (*Univ. of Toronto*) 1893.

- Frederick Hollister Safford, s.b. (*Mass. Inst. of Tech.*) 1888.
 Albert Hart Sanford, L.B. (*Univ. of Wisconsin*) 1891.
 Harris Eastman Sawyer, A.B. 1891.
 William Schoch, Gr. (*Realschule, Berlin, Germany*) 1891.
 Frank Charles Schrader, s.b. (*Univ. of Kansas*) 1891, s.m. (*Ibid.*) 1891,
 A.B. (*Harvard Univ.*) 1893.
 Herman Schrenk, s.b. (*Cornell Univ.*) 1893.
 Richard Edwin Schuh, A.B. (*Hanover Coll.*) 1882, A.M. (*Ibid.*) 1886, D.B.
 (*Drew Theol. Sem.*) 1885.
 Howard Burton Shaw, A.B. (*Univ. of North Carolina*) 1890, E.B. (*Ibid.*)
 1891.
 Richard Asbury Shipp, Gr. (*Univ. of Deseret*) 1886, L.B. (*Univ. of*
Michigan) 1893, LL.B. (*Ibid.*) 1893.
 James Brady Smiley, A.B. (*Oberlin Coll.*) 1889, A.B. (*Harvard Univ.*) 1891.
 Josiah Edward Spurr, A.B. 1893.
 Alfred Ernest Taylor, A.B. (*Wesleyan Univ., Conn.*) 1892, A.M. (*Ibid.*)
 1893.
 Joseph Richard Taylor, A.B. (*Wesleyan Univ., Conn.*) 1882, A.M. (*Ibid.*)
 1885.
 Edward Allen Thurber, A.B. (*Yale Univ.*) 1891.
 Willoughby Cordell Tindall, s.b. (*Univ. of State of Missouri*) 1881, s.m.
 (*Ibid.*) 1884.
 Fred Monroe Tisdell, A.B. (*Northwestern Univ.*) 1891, A.M. (*Univ. of*
Wisconsin) 1893.
 Frederick Wilson Truscott, A.B. (*Indiana Univ.*) 1891, A.M. (*Ibid.*) 1892.
 Thomas Wayland Vaughan, s.b. (*Tulane Univ.*) 1889, A.B. (*Harvard*
Univ.) 1893.
 Enoch Howard Vickers, A.B. (*West Virginia Univ.*) 1890, A.B. (*Harvard*
Univ.) 1893.
 Henry Ware, A.B., 1893.
 Hollis Webster, A.B. 1884.
 Kenneth Grant Tremayne Webster, A.B. (*Dalhousie Univ.*) 1892, A.B.
 (*Harvard Univ.*) 1893.
 Harry White, A.B. 1891.
 Early Vernon Wilcox, A.B. (*Otterbein Coll.*) 1890, A.B. (*Harvard Univ.*)
 1892.
 George Parker Winship, A.B. 1893.
 De Winter, L.B. (*Univ. of California*) 1892.
 James Homer Wright, A.B. (*Johns Hopkins Univ.*) 1890, M.D. (*Univ. of*
Maryland) 1892.

D.B. and A.M.

- Wendell Phillips Elkins, A.B. 1886. Minot Osgood Simons, A.B. 1891.

D.B.

Frank Albert Gilmore, A.B. (*Colby Univ.*) 1890.

Walter Reid Hunt, A.B. (*Bowdoin Coll.*) 1890.

LL.B. and A.M.

Harvey Humphrey Baker, A.B. 1891.

Robert Shaw Barlow, A.B. 1891.

Arthur Hendricks Brooks, A.B. 1891.

Edward Burnham Burling, A.B. 1891.

Frederic Wright Burlingham, A.B. 1891.

William Henry Carson, A.B. (*Johns Hopkins Univ.*) 1890.

George Purcell Costigan, A.B. 1892.

Horace Andrew Davis, A.B. 1891.

James Albert Ford, A.B. (*Adelbert Coll.*) 1891.

Benjamin Apthorp Gould, A.B. 1891.

Augustus Noble Hand, A.B. 1890,
Charles Prentiss Howland, A.B.
(*Yale Univ.*) 1891.

James Mallison Morton, A.B. 1891.
William Richards Sears, A.B. 1891.

LL.B.

Herbert French Atkins, A.B. (*Ill. Coll.*) 1885, A.M. (*Ibid.*) 1888,
A.B. (*Harvard Univ.*) 1889.

Francis Reginald Bangs, A.B. 1891.

Joseph Henry Barnes, A.B. 1891.

John Foster Bass, A.B. 1891.

Edward Sidney Berry.

Louis Frederick Holbrook Betts,
A.B. (*Yale Univ.*) 1891.

Elijah George Boardman, A.B.
(*Yale Univ.*) 1891.

Charles Twing Brooks, A.B. (*Yale Univ.*) 1889.

Frederic Wires Brown, A.B. 1891.

Lewis Albert Burleigh, A.B. (*Bowdoin Coll.*) 1891.

Arthur Ellington Burr, A.B. 1891.

Frederick Barber Campbell.

Walter Stanley Campbell, A.B. 1892.

Charles Toner Cavanagh, A.B.
(*Notre Dame Univ.*) 1891.

Frank Clifford Chamberlain, A.B. 1892.

Fred Carleton Chamberlain.

Frederic Hathaway Chase, A.B. 1892.

Edwards Herrick Childs, A.B.
(*Williams Coll.*) 1891.

Chester Aquila Cook, A.B. (*Brown Univ.*) 1891.

Charles Thurston Cottrell, A.B.
(*Haverford Coll.*) 1890, A.M.
(*Ibid.*) 1892.

Daniel James Coughlan.

Charles Rogers Cummings, A.B. 1892, A.M. 1892.

John Duff, A.B. 1891.

Arthur Gilman Fisk.

Hans Frahm, L.B. (*Univ. of Illinois*) 1891.

Robert Maynard Franklin, A.B. 1891.

James Martin Gillrain, A.B. (*Brown Univ.*) 1891.

Alfred Samuel Hayes, A.B. 1891.

Arthur Dehon Hill.

Frank Leonard Hinckley, A.B.
(*Brown Univ.*) 1891.

Gordon Taylor Hughes.

John Henry Hurley.
 Will Jacks.
 Thomas Clifton Jenkins.
 Livingston Jenks, A.B. 1892.
 Alfred Alexander Lefurgey, A.B.
 (*Mt. Allison Univ.*) 1891.
 James Arnold Lowell, A.B. 1891.
 Robert Gardner McClung, A.B.
 (*Yale Univ.*) 1891.
 Arthur Nye McGeoch, A.B. 1891.
 Charles Haddon McIntyre, A.B.
 (*Acadia Univ.*) 1889, A.B. (*Harvard Univ.*) 1891.
 Fred William McNear, L.B. (*Univ. of Cal.*) 1890, A.B. (*Harvard Univ.*) 1891.
 Henry Bradford Montague, L.B.
 (*Univ. of Cal.*) 1891.
 Homer Morris, PH.B. (*Marietta Coll.*) 1890.
 Galloupe Morton, A.B. 1891.
 Albert Kansas Newman, A.B. (*Bowdoin Coll.*) 1891.
 Thomas Henry O'Connor.
 Edward Humphreys Palmer, S.B.
 (*Univ. of France*) 1890.
 Thomas Nelson Perkins, A.B. 1891.

Robert Fulton Raymond.
 Thresher Ames Rippey, A.B. 1892.
 Otto Clifford Scales, A.B. (*Bowdoin Coll.*) 1891.
 Andrew Rothwell Sheriff, LL.B.
 (*Georgetown Univ.*) 1892.
 Charles Henry Slattery, A.B. 1889.
 Charles Francis Smith.
 Daniel Leon Smith, L.B. (*Dartmouth Coll.*) 1891.
 Victor Alonzo Stearns, L.B. (*Univ. of Minn.*) 1891.
 Joseph Austin Stetson, A.B. 1891.
 Charles Hugh Stevenson, A.B.
 (*Wash. and Jeff. Coll.*) 1891.
 Weston Stickney, A.B. 1891.
 Edward Clinton Stiness, A.B.
 (*Brown Univ.*) 1890.
 Lawrence Mason Stockton, A.B.
 1891.
 Joseph Fithian Tatem, S.B. (*Univ. of Penn.*) 1889.
 Charles Taylor Tatman.
 James Francis Wall.
 Harry Cargill Wingate, A.B. (*Bowdoin Coll.*) 1890.
 James Everett Young, A.B. 1892.

M.D. and A.M.

Frederic Jay Cotton, A.B. 1890.
 Eugene Abraham Darling, A.B.
 1890.
 Charles Bates Dunlap, A.B. 1889.
 Carl Adolph Ewald, A.B. 1888.

Harrison Darling Jenks, A.B. 1890.
 Charles Benjamin Stevens, A.B.
 (*Amherst Coll.*) 1887.
 James Savage Stone, A.B. 1889.
 George Leon West, A.B. 1890.

M.D. (*Four years' course.*)

Frederick Sherwin Bennett.
 William Chester Billings.
 Edwin Dana Boynton.
 Follen Cabot, Jr.
 Ralph Carleton.

Charles Albert Davenport, A.B.
 1890.
 Frederick Spaulding De Lue.
 John Dennett, Jr.
 John William Dewja.

Arthur Baldwin Duel.
 Leander Morton Farrington.
 Frederick Henry Fuller.
 George Bridges Henshaw, A.B.
 1890.
 George Hillard Hill.
 Henry Lincoln Houghton, S.B.
 (*Worcester Polytech. Inst.*) 1889.
 Herbert John Keenan.
 Henry Plummer Lovewell, A.B.
 (*Brown Univ.*) 1889,
 Joseph Benedict Lyons.

Percy De Mille McLeod.
 Herbert Wellington Manahan.
 Calvin Gates Page, A.B. 1890.
 Timothy Joseph Reardon.
 Julio Selva, A.B. (*Nicaragua Coll.*)
 1888.
 Charles Morton Smith.
 Edward Perley Starbird.
 Charles Frederick Sweet.
 Charles Douglas Wheeler, A.B.
 (*Williams Coll.*) 1888.

M.D. (*Three years' course.*)

Charles Sumner Adams.
 William Howard Allen, A.B. 1891.
 Bernard James Bannon.
 William Burdett Batchelder.
 Frank Elliot Bateman, A.B. (*Tufts Coll.*) 1887.
 John Taylor Bottomley, A.B. (*Holy Cross Coll.*) 1889.
 Frank Adelbert Bragg.
 Milton Douglas Brown.
 Elmond Arthur Burnham, A.B.
 (*Tufts Coll.*) 1889.
 Edward Francis Carroll.
 Isidore Hermanigilde Chicoine.
 William Cogswell, Jr., A.B. (*Dartmouth Coll.*) 1890.
 John Nelson Coolidge, A.B. (*Amherst Coll.*) 1889.
 William Pearce Cones.
 John Rice Cowan, A.B. (*Centre Coll.*) 1890.
 Benjamin Frazier Cunningham,
 Ph.B. (*Tufts Coll.*) 1891.
 James Tucker Cutler, A.B. (*Williams Coll.*) 1890.
 Robert Nicholas Daley, Jr., A.B.
 (*Boston Coll.*) 1891.
 Charles Balfour Darling, A.B. 1891.

Herbert Clair Deans.
 Francis Dennis Donoghue.
 Fred Drew, A.B. (*Bowdoin Coll.*)
 1891.
 William Lothrop Edwards.
 John Joseph Egan, A.B. (*Boston Coll.*) 1891.
 Paul Francis Ela, A.B. (*Wesleyan Univ.*) 1884, A.M. (*Ibid.*) 1888.
 Arthur Willard Fairbanks.
 Alonzo Cartland Fales.
 Henri Theophile Fontaine.
 Joseph Frame.
 Charles John Ferguson.
 Ralph Fessenden Goodhue.
 Joseph Sutphin Gunkel.
 Philip Hammond.
 Edward Malcolm Hoyt.
 Daniel Lawrence Hunt, A.B.
 1891.
 Orville Edson Johnson, Ph.B. (*Wesleyan Univ.*) 1889.
 James Archibald Keown, Ph.G.
 (*Mass. Coll. of Pharmacy*) 1891.
 Alfred Herman Lindström.
 Sidney Archer Lord.
 George Sturtevant Macpherson,
 A.B. 1890.

William Daniel Madden, A.B. (*Mt. St. Mary's Coll.*) 1891.

James Philip McAdams, A.B. 1891.

Edward Aloysius McCullough, A.B. (*Bowdoin Coll.*) 1890.

John Edward McGrath.

John Robert McKenzie.

John William McKoan.

Daniel Joseph Mehegan.

Return Jonathan Meigs.

William James Mercer, A.B. (*Holy Cross Coll.*) 1891.

Ben Hicks Metcalf, A.B. (*Allegany Coll.*) 1892.

Charles Louis Mix, A.M. 1891.

Herbert Charles Moffit, S.B. (*Univ. of Cal.*) 1889.

Almon Gardner Morse, A.B. 1890.

Frank Leander Morse.

Charles Oscar Murphy.

Francis Edwin Park.

Frederic Warren Pearl, A.B. (*Williams Coll.*) 1890.

Percy Clement Proctor.

Thomas Walter Proctor, PH.G. (*Mass. Coll. of Pharmacy*) 1887.

Williard Abram Putnam.

Mark Wyman Richardson, A.B. 1889.

Henry Ambrose Roberts, A.B. (*Dartmouth Coll.*) 1890.

Joseph Edward Rourke, A.B. 1890.

George Bancroft Sargent.

Ambrose Courtis Saunders, A.B. 1889.

Sumner Carruth Saville, A.B. 1891.

Alfred Lindsay Shapleigh, A.B. 1892.

Albert Joel Shaw.

Arthur John Shaw.

Harvey Towle Shores, S.B. (*Mass. Agr. Coll.*) 1891.

Arthur Vincent Smith, A.B. (*Bowdoin Coll.*) 1890.

Thomas Burke Smith, A.B. (*Trinity Coll.*) 1891.

Henry Burt Stevens.

James Stephen Sullivan, A.B. (*Holy Cross Coll.*) 1889.

Charles Louis Swan, A.B. 1891.

Percy Walter Swett.

Harry John Thompson.

Edward James Tilton, A.B. 1885.

Frank Martin Tukey, A.B. (*Bowdoin Coll.*) 1891.

Hobart Endicott Warren, A.B. 1891.

Henry Fowler Ransford Watts.

Philip Rexford Waughop, A.B. 1890.

Stephen Elvaro Webber, A.B. (*Colby Univ.*) 1886, A.M. (*Ibid.*) 1889.

Francis Joseph Weller, A.B. (*Boston Coll.*) 1888.

Alfred Augustus Wheeler.

Edward Denison Williams, PH.B. (*Univ. of Vermont*) 1890.

Edward Russell Williams.

Fred Newhall Wilson.

Sydney Yale Wynne.

D.M.D.

Eugene Everett Arnold.

Joseph Bergen Belliveau.

Joseph Boylston.

Thomas Bernard Hayden.

Jay Reuben Holton.

Joseph Inderbitzen.

Arthur Jackson.

Frederick William Percival.

Thomas Edward Quinn.

Fred Gibson Robbins, M.D. 1892.

Arthur Gallusha Smith.
George Lund Taft, A.B. (*Boston Univ.*) 1884.

Lewis Napoleon Veo.
William Joseph Walton.

M.D.V.

James Tucker Fisher.
George Stevens Fuller.
Richard Pope Lyman, S.B. (*Mass. Agric. Coll.*) 1892.
Lemuel Pope, Jr.

Lynford Elwyn Tuttle.
George Franklin Warren.
Milton Hubbard Williams, S.B. (*Mass. Agric. Coll.*) 1892.

B.A.S.

Ralph Sheldon Hosmer.

S.B.

Alfred Hulse Brooks.
Everett Pascoe Carey, A.B. (*Mt. Allison Coll.*) 1892, A.B. (*Harvard Univ.*) 1893.
Arthur James Collier, A.B. (*Univ. of Oregon*) 1892.
Edward Dana Densmore, S.B. (*Mass. Inst. Tech.*) 1898.
Arthur Newhall Johnson.
Sylvester Dwight Judd.
Harold Gregory Meadows.
Fred Charles Moulton.

Henry Levi Newman.
Arthur Lincoln Reagh.
Henry Isaac Richmond.
Philip Leffingwell Spalding, A.B. 1892.
George Lewis Swensden.
Irving Niles Tilden.
Andrew Henderson Whitridge.
John Andreas Widtsoe.
Charles Crawford Wilson.
Jay Backus Woodworth.
Roy Demas Young.

A.B.

Cleveland Abbe, Jr.
Albert Scott Ames.
James Dwight Arnold.
Roger Trowbridge Atkinson.
Bartlett Robbins Atwood.
William Popple Bacheller.
Louis Bacon.
Robert Bacon.
Albert Edward Bailey.
Walter Channing Bailey.
Morris Baker.
Louis J. Balliet, A.B. (*Williams Coll.*) 1898.
Henry Gaston Barbey.

Olin Hanson Basquin, A.B. (*Ohio Wesleyan Univ.*) 1892.
Seavey Battelle.
Gardner Beals.
Russell Bowditch Beals.
Charles Harris Beckwith.
Arthur Appleton Beebe.
James Hudson Bell.
Emanuel Benedict.
John Hudson Bennett.
Alfred Bettman.
Elias Bullard Bishop.
David Franklin Black.
Robert Parkman Blake.

- Joseph William Blankinship, A.B. (*Drury Coll.*) 1889.
 Edward Buell Bloss.
 Carroll Taney Bond.
 William Frederick Boos.
 Spencer Borden, Jr.
 John Boardman, Jr.
 Frank C. Bosler.
 Albert Boyden.
 Edward Chamberlin Bradlee.
 Alfred Mansfield Brooks.
 Walter Brooks.
 Arthur Charles Lewis Brown, A.B. (*Hobart Coll.*) 1893.
 Clement Lloyd Brumbaugh.
 William Read Buckminster.
 Chandler Bullock.
 Leslie Moulthorp Burwell, A.B. (*Leland Stanford Jr. Univ.*) 1893.
 Hugh Cabot.
 Philip Cabot.
 Walter Mason Cabot.
 Arthur Leopold Cahn.
 Daniel Francis Calhane.
 Donald Frank Campbell, A.B. (*Dalhousie Coll.*) 1890.
 Henry Lewin Cannon, A.B. (*Adelbert Coll.*) 1893.
 Albert Paine Carter.
 Carroll Martin Carter.
 William Harris Carey.
 Albert Henry Chamberlain.
 George Carter Chaney.
 Edward Everett Clark.
 Coker Fifield Clarkson.
 John Clement.
 William Emerson Cobb.
 Wilbur Cliff Cobb.
 George Foster Collier, A.B. (*Cornell Univ., Iowa*) 1892.
 Edmund Curley Cooke, S.B. (*Ohio Wesleyan Univ.*) 1892.
 Frank King Cooke, A.B. (*Dartmouth Coll.*) 1892.
 Leander Coolidge.
 Avery Coonley.
 William Friend Corliss.
 William Irving Corthell, A.B. (*Williams Coll.*) 1893.
 Arthur Fortunatus Crosby.
 LeRoi Goddard Crandon.
 Alexander Mitchell Crane.
 Clinton Hoadly Crane.
 John Francis Crosby.
 Lucius Ferdinand Culver.
 Arthur Gray Cummings.
 Thomas Franklin Carrier.
 George Marston Cushing.
 Thomas Johnson Cushing.
 Howard Atherton Cutler.
 William Washburn Cutler.
 Lindsay Todd Damon.
 Lincoln Davis.
 Samuel Starrett Dearborn.
 Alexander Dickinson.
 Franklin Abbott Dorman.
 Tracy Dows.
 Frank Farnum Dresser.
 Benjamin Minge Duggar, S.B. (*Agr. and Mech. Coll. of Mississippi*) 1891, S.M. (*Agr. and Mech. Coll. of Alabama*) 1892.
 Frederick Stanley Dunn, A.B. (*Univ. of Oregon*) 1892.
 William Arthur Dupee.
 Henry Chouteau Dyer.
 Charles Brown Earle.
 Samuel Chandler Earle.
 Frank Stetson Eddy.
 Henry Brevoort Eddy.
 Edwin Francis Edgett.
 George Nelson Edwards, A.B. (*Wesleyan Univ.*) 1893.
 David Abram Ellis.
 Robert Leonard Emerson.

- Arthur Lovett Endicott.
 James Biddle Eustis, Jr.
 Henry Parker Fairbanks.
 David Farquhar Farquharson.
 Frederic Ernest Farrington.
 Allan Bradshaw Fay.
 John Sören Festerson, A.B. (*Colgate Univ.*) 1885, A.M. (*Ibid.*) 1893.
 Horace Cecil Fisher.
 George Converse Fiske.
 Jeremiah Denis Matthias Ford.
 Joseph Sherman Ford.
 Robert Jay Forsythe.
 Leon Frederic Foss.
 Hugh Corby Fox.
 John Pierce Fox.
 Allen French, S.B. (*Mass. Inst. Tech.*) 1892.
 Lester Friedman.
 Francis Edward Frothingham.
 William Isaac Frothingham.
 Reginald Furman.
 Walter Boutwell Gage.
 Lyman Whitman Gale.
 David Jacque Gallert.
 Philip Gardner.
 William Howard Garland.
 Frank Wright Garrison.
 Henry Albert Gehring.
 Frank Elton George, S.B. (*Upper Iowa Univ.*) 1890, PH.B. (*Ibid.*) 1891, A.B. (*Ibid.*) 1893, S.M. (*Ibid.*) 1893.
 Sherwin Gibbons.
 John Edward Gilman, Jr.
 Charles Bemis Gleason.
 John George Macbeth Glessner.
 Joseph Warren Glidden.
 Warren Benjamin Goddard.
 Emil Goldmark, S.B. (*Coll. of the City of New York*) 1892.
 Percy Gordon.
 George Arthur Gray.
 Arthur Eugene Green.
 John Green.
 Henry Copley Greene.
 Arthur Dustan Greenfield.
 Lyman Manchester Greenman.
 Robert Etheridge Gregg.
 Frank Tracy Griswold.
 Niels Lavrids Jensen Grön, A.B. (*Pennsylvania Coll.*) 1893.
 Edwin Manton Grover.
 John Hudson Hall.
 Louis Macclay Hall.
 John Irvin Hamaker, A.B. (*Kansas State Univ.*) 1893.
 William Powers Hapgood.
 Adalbert Harding.
 William Ogden Harrison.
 Le Roy Harvey.
 Samuel B. Heckman, PH.B. (*Earlham Coll.*) 1893.
 Ledyard Heckscher.
 George Neely Henning.
 Everett Pray Hervey.
 Edward Burlingame Hill.
 Lewis Dana Hill.
 Clarence Gilbert Hoag, A.B. (*Harvard Coll.*) 1893.
 William Hoag.
 Ralph Hoffman.
 Ralph Culbreth Hoffecker.
 Homer Leroy Holcomb.
 Clarence Hoyt Holmes.
 Robert Homans.
 Richard Percival Hood.
 Charles Albert Horne, A.B. (*Trinity Coll.*) 1893.
 Harold Wellington Horne.
 Edward Tompkins Houghton, A.B. (*Univ. of California*) 1893.
 John Corse Howard.
 Edwin Aliston Howes, Jr.
 Hector James Hughes.

- Maurice Samuel Hyman.
 Carl DeWitt Jackson.
 William Thomas Jackson, A.B.
 (*Eureka Coll.*) 1889, A.M. (*Ibid.*)
 1890.
 Walter Sydney Johnson.
 Benjamin Chauncey Jutten.
 Josiah Moses Kagan.
 Aaron Benedict Keeler.
 William Gerry Keene.
 Charles Tilden Keller.
 George Caspar Kellogg.
 Harris Kennedy.
 Frederic Houston Kent.
 James Truesdell Kilbreth, Jr.
 Melaine LeNoir King, A.B. (*Mt.*
 Allison Coll.) 1891.
 Rupert Cochrane King.
 John Bayard Kirkpatrick.
 Edmund Yates Kittredge.
 Rolla Sherwin Knapp.
 Eric Alfred Knudsen.
 Maynard Ladd.
 Herbert Conrad Lakin.
 Daniel Winn Lane.
 Charles Lewis Lawrence.
 Robert Townsend Lawrence.
 George Cabot Lee, Jr.
 James Gore King Lee.
 William Frazar Lee.
 Arthur Lehman.
 Hugh Leichtentritt.
 Otto Augustus Lemke.
 Alexander von Wolfersdorf Les-
 lie.
 Bertram French Linfield.
 Henry Richardson Linville, A.B.
 (*Kansas State Univ.*) 1893.
 Thomas Leonard Livermore, Jr.
 John Daniel Logan, A.B. (*Dalhousie*
 Coll.) 1893.
 Eli Long.
 Samuel Henry Longley.
 James Edwin Lough, A.B. (*Miami*
 Univ.) 1891.
 Freeman Lamprey Lowell.
 James Burnett Lowell.
 Edgar McClure, A.B. (*Univ. of*
 Oregon) 1883, A.M. (*Ibid.*) 1886.
 Ralph Boyer McDaniel.
 Robert MacDonald.
 James Athanasius McDonald.
 Will McDonald.
 George Burgess Magrath.
 Charles Francis Maurice Malley.
 Herbert Camp Marshall, A.B. (*Ohio*
 Wesleyan Univ.) 1891.
 William Ropes May.
 William Patrick Meehan.
 Charles Irving Merrick.
 Sherburn Moses Merrill.
 Guy Metcalf.
 Harry Clayton Metcalf.
 Gerritt Smith Miller, Jr.
 John Michael Minton.
 Walter Jefferson Moore.
 Clarence Morgan.
 James Hewitt Morgan.
 Daniel Joseph Mulqueeney.
 Percy Musgrave.
 Arthur Cleveland Nash.
 Marshall Newell.
 Clifford Nichols.
 John Randall Nichols.
 Alfred Eugene Nickerson.
 George Caspar Niles.
 George Rapall Noyes.
 George Oensläger.
 John Rathbone Oliver.
 Frederick Law Olmsted, Jr.
 Maurice Ostheimer.
 Harold Wordsworth Page.
 Rene Evans Paine.
 Roger Griswold Perkins, A.B.
 (*Union Coll.*) 1893.
 John Aubrey Pew.

Austin Mackie Pinkham.
 Perley Oakland Place, A.B. (*Dartmouth Coll.*) 1893.
 Arthur James Plummer.
 Frederick Sanford Pratt.
 Fred Clark Prescott.
 Henry Lee Prescott.
 Lewis Isaac Prouty.
 William Alfred Quigley.
 Henry Cole Quimby.
 Edward Kennard Rand.
 Charles Milton Reade.
 Edward Everett Reardon.
 Ansel Sylvester Richards.
 Francis Henry Richards.
 Spencer Cumston Richardson.
 Walter Tower Rosen.
 George Fred Rouillard.
 George Bigelow Cheever Rugg.
 Charles Louis Safford, A.B. (*Williams Coll.*) 1892.
 Endicott Peabody Saltonstall.
 Max Low Sand.
 Wilfred Harvey Schoff.
 Clifford Seasongood.
 Ellery Sedgwick.
 Samuel Burnham Shackford.
 James Clement Sharp.
 Robert Kendall Shaw.
 James Joseph Sheppard.
 Thomas Edward Sherwin.
 Charles Warner Shope.
 Boris Sidis.
 Macy Millmore Skinner.
 John Rothwell Slater.
 Richard Dresser Small.
 Roscoe Addison Small, A.B. (*Bates Coll.*) 1892.
 Charles Ziba Smith.
 James Walter Smith.
 Kinney Smith.
 Charles August Soch.
 Robert Soutter.

Henry Garretson Spooner.
 Oliver Mitchell Wentworth Sprague.
 William Dudley Sprague.
 William Henry Stafford, LL.B. 1893.
 Edwin Elias Starbuck, A.B. (*Indiana Univ.*) 1890.
 Otto Starek.
 Caleb Rochford Stetson.
 Frederick Winslow Stetson.
 Oscar Lundgren Stevens.
 Albert Iglauer Stix.
 Walter Coolidge Stone.
 William Torrence Stuchell.
 James Sullivan, Jr.
 Henry Marshall Swift.
 Lawrence Arnold Tanzer.
 Alfred Samuel Guido Taylor.
 Herbert Floyd Taylor.
 Gerald Nash Thaxter.
 Frank Williams Thomas.
 James Madison Thompson.
 George Holden Tinkham.
 DuBois Tooker.
 George Warren Tower, Jr.
 Alonzo Ferdinand Travis.
 Robert Reineck Truitt, A.B. (*Univ. of Pennsylvania*) 1890.
 James Libby Tryon.
 Eliot Tuckerman.
 Frank Leo Tufts, S.B. (*Antioch Coll.*) 1891.
 Percy Rivington Turnure.
 John Fogg Twombly.
 James Underhill.
 Clarence Sumner Vandenbark, A.B. (*Ohio Wesleyan Univ.*) 1893.
 Charles Dean Varney.
 Stoyan Kistoff Vatralsky.
 Edward Neville Vose.
 Harry Clarke Vrooman.
 Francis Cox Walker, A.B. (*Univ. of New Brunswick*) 1892.
 George Albert Walker, Jr.

Reginald Washburn.
 Bertram Gordon Waters.
 John Calvin Watson, A.B. (*Eureka Coll.*) 1892.
 Henry Davis Weed.
 Arthur Jefferson Wellington.
 Hiller Crowell Wellman.
 Bulkeley Wells.
 George Doane Wells.
 Charles T Wentworth.
 Jere Newton Wentworth.
 Marshall Wentworth.
 Albert Lansing Wetmore.
 Maxwell Stevenson Wheeler.

Henry May Wheelwright.
 Francis Beach White.
 Hervey White.
 William Bradley Whitney.
 William Joseph Whitney.
 Albert Rufus Whittier, Jr.
 Frederick Wildes.
 Hugh Williams.
 Sidney Messer Williams.
 William Frederick Williams.
 George Bennett Wilson.
 Henry Tyler Woods, A.B. (*Mass. Inst. Tech.*) 1893.
 Philip Wycoff Wrenn.

Certificate without Academic Degree.

Mark Lee Luther.

Harry Winslow Thayer.

Out of Course.

A.M.

James Macbride Sterrett, as of the class of 1870.
 Edward Phillips Burgess, as of the class of 1893.
 Herbert Lyon Jones, as of the class of 1893.
 Fred Brooks Lindsey, as of the class of 1893.
 Patterson Gaylord Hawkins, as of the class of 1893.
 John Moss Walthen, as of the class of 1893.

LL.B.

Henry Stephen Courtney, as of the class of 1893.
 John Henry Farley, as of the class of 1893.
 Arthur Sweeny, as of the class of 1893.
 Charles Albert Winter, as of the class of 1893.

S.B.

William Woodworth Bruner, as of the class of 1887.

A.B.

Thomas Handasyde Perkins, as of the class of 1843.
 George Cabot Lee, as of the class of 1850.
 George Ward Holdredge, as of the class of 1869.
 Robert Means Lawrence, as of the class of 1869.

James McDonald Gardiner, as of the class of 1879.
 Rupert Norton, as of the class of 1888.
 Nathan Oppenheim, as of the class of 1888.
 Guy Stevens Callender, as of the class of 1893.
 Lewis Clinton Carson, as of the class of 1893.
 Donald Churchill, as of the class of 1893.
 Louis Lee Dent, as of the class of 1893.
 Frank Bernard Gallivan, as of the class of 1893.
 Lincoln Hutchinson, as of the class of 1893.
 Edward Christian Jewell, as of the class of 1893.
 Louis Ernest Osborn, as of the class of 1893.
 Carl Horton Pierce, as of the class of 1893.
 Edward Pearson Pressey, as of the class of 1893.
 Hubert Grover Shaw, as of the class of 1893.
 Louis Bartlett Thacher, as of the class of 1893.
 Philip Edmund Tripp, as of the class of 1893.
 James Austin Wilder, as of the class of 1893.

COMMENCEMENT PARTS.

Oration.

WILLIAM READ BUCKMINSTER.	JOHN RATHBONE OLIVER.
GEORGE CONVERSE FISKE.	EDWARD KENNAED RAND.
JEREMIAH DENIS MATTHIAS FORD.	ROBERT KENDALL SHAW.
EDWARD BURLINGAME HILL.	MACY MILLMORE SKINNER.
JACOB TRUESDELL KILBRETH.	OLIVER MITCHELL WENTWORTH
HERBERT CONRAD LAKIN.	SPRAGUE.
GEORGE RAPALL NOYES.	

Dissertations.

JAMES DWIGHT ARNOLD.	LEROI GODDARD CRANDON.
ALBERT EDWARD BAILEY.	THOMAS FRANKLIN CURRIER.
SAMUEL BARNUM.	WILLIAM WASHBURN CUTLER.
CHARLES HARRIS BECKWITH.	LINDSAY TODD DAMON.
EDWARD CHAMBERLIN BRADLEE.	SAMUEL CHANDLER EARLE.
ARTHUR CHARLES LEWIS BROWN.	DAVID ABRAM ELLIS.
DANIEL FRANCIS CULHANE.	FREDERIC ERNEST FARRINGTON.
WILLIAM HARRIS CARY.	ALLAN BRADSHAW FAY.
JOHN CLEMENT.	WILLIAM ISAAC FROTHINGHAM.
FRANK KING COOKE.	DAVID JACQUE GALLERT.
LEANDER COOLIDGE.	HENRY ALBERT GEHRING.
WILLIAM FRIEND CORLISS.	CHARLES BENIS GLEASON.

EMIL GOLDMARK.	DANIEL JOSEPH MULQUEENTY.
HENRY COPLEY GREENE.	JOHN RANDALL NICHOLS.
ROBERT ETHERIDGE GREGG.	GEORGE OENSLAGER.
WILLIAM POWERS HAPGOOD.	FREDERICK LAW OLMSTED.
ADALBERT HARDING.	FRED CLARK PRESCOTT.
GEORGE NEELY HENNING.	HENRY LEE PRESCOTT.
ROBERT HOMANS.	SAMUEL BURNHAM SHACKFORD.
EDWIN ALISTON HOWES.	JOHN ROTHWELL SLATER.
MAURICE SAMUEL HYMAN.	OTTO STAREK.
JOSIAH MOSES KAGAN.	JAMES SULLIVAN.
CHARLES LEWIS LAWRENCE.	LAURENCE ARNOLD TANZER.
ALEXANDER VON WOLFFERSDORFF	JOHN FOGG TWOMBLY.
LESLIE.	ARTHUR JEFFERSON WELLINGTON.
BERTRAM FRENCH LINFIELD.	HILLER CROWELL WELLMAN.
JAMES ATHANASIOS McDONALD.	CHARLES T WENTWORTH.
GEORGE BURGESS MAGRATH.	MARSHALL WENTWORTH.
CHARLES FRANCIS MAURICE MALLEY.	MAXWELL STEVENSON WHEELER.

Disquisitions.

CLEVELAND ABBE.	JOSEPH SHERMAN FORD.
ALBERT SCOTT AMES.	ROBERT JAY FORSYTHE.
ROGER TROWBRIDGE ATKINSON.	JOHN PIERCE FOX.
ARTHUR APPLETON BEEBE.	LYMAN WHITMAN GALE.
JAMES HUDSON BELL.	JOHN EDWARD GILMAN.
EMANUEL BENEDICT.	JOHN GEORGE MACBETH GLESSNER.
ALFRED BETTMAN.	WARREN BENJAMIN GODDARD.
SPENCER BORDEN.	ARTHUR DUSTAN GREENFIELD.
JOHN BORDMAN.	LEWIS DANA HILL.
PHILIP CABOT.	HOMER LEROY HOLCOMB.
WALTER MASON CABOT.	CLARENCE HOTT HOLMES.
ARTHUR LEOPOLD CAHN.	WALTER SYDNEY JOHNSON.
ALBERT PAINE CARTER.	BENJAMIN CHAUNCEY JUTTEN.
CARROLL MARTIN CARTER.	AARON BENEDICT KEELER.
ALBERT HENRY CHAMBERLAIN.	WILLIAM GERRY KEENE.
EVERY COONLEY.	MELAIM LENOIR KING.
ARTHUR FORTUNATUS COSBY.	MAYNARD LADD.
CLINTON HOADLEY CRANE.	ARTHUR LEHMAN.
ARTHUR GRAY CUMMINGS.	HUGH LEICHTENTRITT.
FRANKLIN ABBOTT DORMAN.	OTTO AUGUSTUS LEMKE.
FRANK FARNUM DRESSER.	SAMUEL HENRY LONGLEY.
FRANK WARREN EATON.	FREEMAN LAMPREY LOWELL.
HORACE CECIL FISHER.	GUY METCALF.

HARRY CLAYTON METCALF.
 GERRIT SMITH MILLER.
 ARTHUR CLEVELAND NASH.
 CLIFFORD NICHOLS.
 MAURICE OSTHEIMER.
 AUSTIN MACKIE PINKHAM.
 FREDERICK SANFORD PRATT.
 LEWIS ISAAC PROUTY.
 HENRY COLE QUINBY.
 GEORGE FRED ROUILLARD.
 WILFRED HARVEY SCHOFF.
 CLIFFORD SEASONGOOD.
 ELLERY SEDGWICK.
 JAMES JOSEPH SHEPPARD.

BORIS SIDIS.
 CHARLES ZIBA SMITH.
 CHARLES AUGUST SOCH.
 WILLIAM HENRY STAFFORD.
 FREDERICK WINSLOW STETSON.
 OSCAR LUNDGREN STEVENS.
 DUBOIS TOOKER.
 GEORGE WARREN TOWER.
 ELIOT TUCKERMAN.
 EDWARD NEVILLE VOSE.
 FRANCIS COX WALKER.
 JOHN CALVIN WATSON.
 WILLIAM JOSEPH WHITNEY,
 GEORGE BENNETT WILSON.

FINAL HONORS

In Semitis.

MACY MILLMORE SKINNER,

Honors.

In Classics.

GEORGE CONVERSE FISKE,
 WALTON BROOKS MCDANIEL,
 GEORGE RAPALL NOYES,
 EDWARD KENNARD RAND,
 ROBERT KENDALL SHAW,

Honors.
 Honors.
 Honors.
 Honors.
 Honors.

In English.

LINDSAY TODD DAMON,

Honors.

In Modern Literature.

JEREMIAH DENIS MATTHIAS FORD,
 WILLIAM VAUGHAN MOODY,

Highest Honors.
 Highest Honors.

In Philosophy.

ARTHUR CHARLES LOUIS BROWN,

Honors.

In History.

CHARLES HENRY LINCOLN,
 JAMES SULLIVAN,
 CHARLES T WENTWORTH,

Honors.
 Honors.
 Honors.

In Political Science.

WILLIAM READ BUCKMINSTER,	Highest Honors.
JAMES TRUESDELL KILBRETH,	Highest Honors.
OLIVER MITCHELL WENTWORTH SPRAGUE,	Highest Honors.
ENOCH HOWARD VICKERS,	Highest Honors.
WILLIAM FRIEND CORLISS,	Honors.
DAVID JAMES GALLERT,	Honors.
EDWIN ALISTON HOWES,	Honors.
HENRY LEE PRESCOTT,	Honors.
SAMUEL BURNHAM SHACKFORD,	Honors.
LAWRENCE ARNOLD TANZER,	Honors.

In Music.

EDWARD BURLINGAME HILL,	Highest Honors.
-------------------------	-----------------

In Mathematics.

FRANK IRWIN,	Highest Honors.
--------------	-----------------

In Chemistry.

JOHN ANDREAS WIDTSON,	Highest Honors.
LEROI GODDARD CRANDON,	Honors.
ROBERT LEONARD EMERSON,	Honors.
GEORGE OENSLÄGER,	Honors.

HONORABLE MENTION.

CLEVELAND ABBE. <i>Natural History, bis.</i>
JAMES DWIGHT ARNOLD. <i>French; History.</i>
ROGER TROWBRIDGE ATKINSON. <i>French; Spanish.</i>
ALBERT EDWARD BAILEY. <i>Philosophy.</i>
SAMUEL BARNUM. <i>History.</i>
CHARLES HARRIS BECKWITH. <i>History, bis.</i>
JAMES HUDSON BELL. <i>History.</i>
EMANUEL BENEDICT. <i>History.</i>
ALFRED BETTMAN. <i>History.</i>
ELIAS BULLARD BISHOP. <i>Economics.</i>
JOSEPH WILLIAM BLANKINSHIP. <i>Natural History.</i>
SPENCER BORDEN. <i>French.</i>
JOHN BORDMAN. <i>History, bis.</i>
EDWARD CHAMBERLIN BRADLEE. <i>History; Economics.</i>
WILLIAM READ BUCKMINSTER. <i>History; Economics, bis.</i>
LESLIE MOULTROP BURWELL. <i>Philosophy.</i>
HUGH CABOT. <i>Economics.</i>

- WALTER MASON CABOT. *Philosophy, bis.*
ARTHUR LEOPOLD CAHN. *History.*
DANIEL FRANCIS CALHANE. *Latin; French.*
ALBERT PAINE CARTER. *Economics.*
CARROLL MARTIN CARTER. *History; Economics.*
WILLIAM HARRIS CARY. *French.*
ALBERT HENRY CHAMBERLAIN. *History; Economics.*
COKER FIFIELD CLARKSON. *Economics.*
JOHN CLEMENT. *Latin, bis.*
FRANK KING COOKE. *Greek; Latin.*
LEANDER COOLIDGE. *History.*
WILLIAM FRIEND CORLISS. *History, bis; Economics.*
ARTHUR FORTUNATUS COSBY. *History.*
LEROI GODDARD CRANDON. *Chemistry, bis.*
CLINTON HOADLEY CRANE. *Mathematics; Engineering.*
JOHN FRANCIS CROSBY. *History; Economics.*
ARTHUR GRAY CUMMINGS. *Greek; Latin.*
THOMAS FRANKLIN CURRIER. *French.*
GEORGE MARSTON CUSHING. *French.*
WILLIAM WASHBURN CUTLER. *History; Economics; Mathematics.*
LINDSAY TODD DAMON. *English Composition; English Literature, bis.*
WILLIAM RUFUS DODSON. *Natural History.*
FRANKLIN ABBOTT DORMAN. *History; Natural History.*
BENJAMIN MINGE DUGGAR. *Natural History.*
FREDERICK STANLEY DUNN. *Latin.*
SAMUEL CHANDLER EARLE. *French.*
HENRY BREVOORT EDDY. *English Composition.*
EDWIN FRANCIS EDGETT. *English Composition; English Literature.*
GEORGE NELSON EDWARDS. *Philosophy.*
DAVID ABRAM ELLIS. *History.*
ROBERT LEONARD EMERSON. *Chemistry, bis.*
ARTHUR LOVETT ENDICOTT. *Economics.*
HENRY PARKER FAIRBANKS. *Philosophy; History.*
FREDERICK ERNEST FARRINGTON. *Greek.*
ALLAN BRADSHAW FAY. *Italian.*
GEORGE CONVERSE FISKE. *Greek; Latin, bis; English Composition.*
JEREMIAH DENIS MATTHIAS FORD. *German; French; Italian.*
JOSEPH SHERMAN FORD. *German; French.*
ROBERT JAY FORSYTHE. *Physics; Chemistry.*
HUGH CORBY FOX. *History.*
JOHN PIERCE FOX. *Fine Arts; Music.*
WILLIAM ISAAC FROTHINGHAM. *History.*
DAVID JAMES GALLERT. *History; Economics.*

HONORABLE MENTION.

- HENRY ALBERT GEHRING.** *French; Philosophy; Music.*
JOHN GEORGE MACBETH GLESSNER. *History; Natural* ;
WARREN BENJAMIN GODDARD. *Greek; Latin.*
EMIL GOLDMARK. *Philosophy; Economics.*
HENRY COPLEY GREENE. *English Composition; Fine A* ;
ARTHUR DUSTAN GREENFIELD. *History.*
LYMAN MANCHESTER GREENMAN. *Philosophy.*
ROBERT ETHERIDGE GREGG. *English Composition; Phi* ;
WILLIAM POWERS HAPGOOD. *English Literature; Fren* ;
ADALBERT HARDING. *Mathematics; Engineering; Phys* ;
GEORGE NEELY HENNING. *French; Italian.*
EDWARD BURLINGAME HILL. *Music, bis.*
RALPH HOFFMAN. *Latin.*
HOMER LEROY HOLCOMB. *Mathematics.*
ROBERT HOMANS. *French; History; Economics.*
CHARLES ALBERT HORNE. *Philosophy.*
HAROLD WELLINGTON HORNE. *Engineering.*
EDWIN ALISTON HOWES. *History; Economics.*
HECTOR JAMES HUGHES. *Economics.*
MAURICE SAMUEL HYMAN. *Philosophy; History.*
WALTER SYDNEY JOHNSON. *Semitic; Philosophy.*
JOSIAH MOSES KAGAN. *German, bis.*
WILLIAM GERRY KEENE. *Engineering.*
HARRIS KENNEDY. *Natural History.*
JAMES TRUESDELL KILBRETH. *German; History, bis.*
MELAIM LE NOIR KING. *English Literature.*
HERBERT CONRAD LAKIN. *English Composition.*
CHARLES LEWIS LAWRENCE. *Mathematics, bis.*
ROBERT TOWNSEND LAWRENCE. *Economics; History.*
ARTHUR LEHMAN. *German.*
HUGH LEICHTENTRITT. *French; Music.*
OTTO AUGUSTUS LEMKE. *German.*
ALEXANDER VON WOLFFERSDORFF LESLIE. *Latin, bis.*
BERTRAM FRENCH LINFIELD. *Economics.*
HENRY RICHARDSON LINVILLE. *Natural History.*
JOHN DANIEL LOGAN. *Philosophy.*
SAMUEL HENRY LONGLEY. *History, bis.*
JAMES EDWIN LOUGH. *Philosophy.*
FREEMAN LAMPREY LOWELL. *Natural History.*
EDGAR MCCLURE. *Chemistry.*
JAMES ATHANASIUS McDONALD. *History.*
WILLIAM McDONALD. *History.*
GUY METCALF. *History; Economics.*

- HENRY CLAYTON METCALF. *History; Economics.*
GERRIT SMITH MILLER. *Natural History, ter.*
WALTER JEFFERSON MOORE. *German.*
DANIEL JOSEPH MULQUEENEY. *History.*
JOHN RANDALL NICHOLS. *History, bis.*
GEORGE RAPALL NOYES. *Greek; Latin.*
GEORGE OENSLÄGER. *Chemistry, ter.*
JOHN RATHBONE OLIVER. *Greek; Latin; English Composition.*
FREDERICK LAW OLMSTED. *English Composition; Fine Arts.*
MAURICE OSTHEIMER. *Natural History.*
RENÉ EVANS PAINE. *French.*
JOHN AUBREY PEW. *History.*
AUSTIN MACKIE PINKHAM. *History.*
PERLEY OAKLAND PLACE. *Greek.*
FREDERICK SANFORD PRATT. *Mathematics; Engineering; Physics.*
FREDERICK CLARK PRESCOTT. *English Composition; History; Economics.*
HENRY LEE PRESCOTT. *History; Economics.*
EDWARD KENNARD RAND. *Greek; Latin; Philosophy.*
ANSEL SYLVESTER RICHARDS. *Philosophy.*
WILFRED HARVEY SCHOFF. *French; History.*
CLIFFORD SEABONGOOD. *History.*
SAMUEL BURNHAM SHACKFORD. *History; Economics.*
ROBERT KENDALL SHAW. *Greek; Latin.*
JAMES JOSEPH SHEPPARD. *Economics.*
BORIS SIDIS. *Philosophy, bis.*
MACY MILLMORE SKINNER. *Semitic, bis; German.*
JOHN ROTHWELL SLATER. *Philosophy.*
ROSCOE ADDISON SMALL. *English Literature.*
CHARLES AUGUSTUS SOCH. *Chemistry, bis.*
OLIVER MITCHELL WENTWORTH SPRAGUE. *History; Economics.*
WILLIAM HENRY STAFFORD. *History; Economics.*
EDWIN ELIAS STARBUCK. *Philosophy.*
OTTO STAREK. *Greek; Latin.*
OSCAR LUNDGREN STEVENS. *English Composition.*
WALTER COOLIDGE STONE. *History, bis.*
JAMES SULLIVAN. *History, ter.*
LAWRENCE ARNOLD TANZER. *History, bis; Economics.*
GERALD NASH THAXTER. *Chemistry.*
GEORGE HOLDEN TINKHAM. *Latin; History.*
DUBOIS TOOKER. *Greek; Latin.*
GEORGE WARREN TOWER. *Natural History, bis.*
ELIOT TUCKERMAN. *History.*

JOHN FOGG TWOMBLY. *Philosophy; Economics.*
 JAMES UNDERHILL. *Chemistry; Natural History.*
 EDWARD NEVILLE VOSE. *English Composition; History.*
 FRANCIS COX WALKER. *Greek; Latin.*
 GEORGE ALBERT WALKER. *Natural History.*
 JOHN CALVIN WATSON. *Greek.*
 ARTHUR JEFFERSON WELLINGTON. *History, ter.*
 HILLER CROWELL WELLMAN. *English Composition.*
 CHARLES T WENTWORTH. *History, bis.*
 MARSHALL WENTWORTH. *Mathematics.*
 MAXWELL STEVENSON WHEELER. *History.*
 WILLIAM JOSEPH WHITNEY. *History.*
 SYDNEY MESSER WILLIAMS. *French.*
 GEORGE BENNETT WILSON. *Mathematics.*

SECOND-YEAR HONORS.

*In Classics.**Senior:*

JOHN CALVIN WATSON,

Honors.

Juniors:

HERBERT BALDWIN FOSTER,

Honors.

WALTER EDWIN SEVERANCE,

Honors.

JOSEPH TRUMBULL STICKNEY,

Honors.

Sophomores:

HENRY WASHINGTON PRESCOTT,

Highest Honors.

FRANK JAMES BUCHANAN,

Honors.

OSCAR CHARLES GALLAGHER,

Honors.

ARTHUR GARDNER LEWIS,

Honors.

HERSCHEL WILDER LEWIS,

Honors.

GEORGE WILLIAMS MATHEWS,

Honors.

HENRY LINDSAY SANFORD,

Honors.

GEORGE HOMER SPALDING,

Honors.

JOHN STRONG PERRY TATLOCK,

Honors.

JOSEPH PARKER WARREN,

Honors.

*In History.**Senior:*

SAMUEL BARNUM,

Honors.

Juniors:

JOHN ARCHIBALD FAIRLIE,

Honors.

STEPHEN WILLARD PHILLIPS,

Honors.

*In Mathematics.**Juniors :*

EDWARD VERMILYE HUNTINGTON,	Highest Honors.
WILLIAM EVERETT STARK,	Highest Honors.
JOHN HENRY CHASE,	Honors.
GUSTAVE WOLLAEGER,	Honors.

Sophomores :

HARRY LAMPREY BROWN,	Highest Honors.
JAMES WESSON PHELPS,	Highest Honors.
PAUL CAPRON,	Honors.

*In Physics.**Juniors :*

ASA WHITE KENNY BILLINGS,	Highest Honors.
WILLIAM DENNIS COLLINS,	Honors.
GIFFORD LECLEAR,	Honors.
OSCAR QUICK,	Honors.
HARRISON WILLARD SMITH,	Honors.
CABOT STEVENS,	Honors.

Sophomore :

HAROLD EDWARDS,	Honors.
-----------------	---------

HOLDERS OF FELLOWSHIPS AND SCHOLARSHIPS.

(Appointed in 1894.)

THE GRADUATE SCHOOL.*Harris Fellowship.*

WALTER RAYMOND SPALDING.

Rogers Fellowships.

CHARLES BURTON GULICK. GEORGE ANDREW REISNER.

Parker Fellowships.

GEORGE ASHLEY CAMPBELL. RAYMOND LESLIE WEEKS.
 ELLIOT FOLGER ROGERS. ARTHUR WISSWALD WEYSSE.

John Thornton Kirkland Fellowship.

HUGH TALLANT.

James Walker Fellowship.

CHARLES MONTAGUE BAKEWELL.

Morgan Fellowships.

EDWARD ANGUS BURT.

ROBERT MACDOUGALL.

SAMUEL BANNISTER HARDING.

WILLIAM HENRY SCHOFIELD.

John Tyndall Scholarship.

CHARLES EDWARD ST. JOHN.

Robert Treat Paine Fellowship.

CARLOS CARLETON CLOSSON, JR.

Henry Lee Memorial Fellowship.

GUY STEVENS CALLENDER.

Ossias Goodwin Memorial Fellowship.

AMOS SHARTLE HERSHEY.

Henry Bromfield Rogers Memorial Fellowship.

ABRAM PRATT ANDREW.

Scholarships.

George and Martha Derby.

JOHN DANIEL LOGAN.

Charles Haven Goodwin.

GEORGE EDWIN HOWES.

James Savage.

ARTHUR WINFRED HODGMAN.

BRADLEY MOORE DAVIS.

JAMES WATERMAN GLOVER.

EDWIN GORDON PARKER.

JOHN INGLEE PHINNEY.

GEORGE BENJAMIN ROGERS.

WILLIAM HARVEY RUSH.

JOHN LITTLEFIELD TILTON.

Shattuck.

JONATHAN BAILEY BROWDER.

HARRY EDWIN BURTON.

ARTHUR STODDARD COOLEY.

FRANCIS FRANKLIN DAVIS.

JOHN NELSON FELLOWS.

FRED MONROE TISDEL.

FREDERICK WILSON TRUSCOTT.

Gorham Thomas.

ERNEST DORMAN LEWIS.

Toppan.

CURTIS FLETCHER MARBUT.

Townsend.

REGINALD ALDWORTH DALY.

BENJAMIN MINGE DUGGAR.

WILLIAM PRESTON FEW.

FREDERICK HOLLISTER SAFFORD.

MACY MILLMORE SKINNER.

Thayer.

WILLIAM ERNEST CASTLE.

HOWARD HAMBLETT COOK.

University.

CLEVELAND ABBE.
 KENDRICK CHARLES BARCOCK.
 CHARLES LEONARD BOUTON.
 CARROLL NEIDÉ BROWN.
 WILLIAM KENDALL DENISON.
 LOUIS HENRY DOW.
 FREDERICK PUTNAM GULLIVER.
 MARTIN HILL ITTNER.
 CHARLES LEWIS LAWRENCE.
 HENRY RICHARDSON LINVILLE.

ARTHUR MAY MOWRY.
 LUTHER ROBERTS NASH.
 JOSEPH FRANCIS PAXTON.
 BORIS SIDIS.
 EDGAR ARTHUR SINGER.
 OLIVER MITCHELL WENTWORTH
 SPRAGUE.
 FRED CARLTON STEWART.
 EDWARD ALLEN THURBER.
 ENOCH HOWARD VICKERS.

THE COLLEGE.**Class of 1894.**

GEORGE RAPALL NOYES,

Palfrey Exhibition.

Class of 1895.*Name of Scholarship.*

ASA WHITE KENNEY BILLINGS,
 ARTHUR LYONS CROSS,
 GEORGE WASHINGTON ROBINSON,
 MAX BENSIMOL,
 JOHN ARCHIBALD FAIRLIE,
 WILLIAM BICKNELL NOYES,
 JOSEPH EDGAR CROCKER,
 FREDERICK HAPGOOD NASH,
 OSCAR QUICK,
 WILLIAM MONROE TROTTER,
 WALTER LINDSAY VAN KLEECK,
 HERBERT HILARION YEAMES,
 ARTHUR STANWOOD PIER,
 RALPH FRANK WOODWARD,
 HAROLD WESLEY LOKER,
 RALPH SHAW PITTS,
 GEORGE IRVING CLAPP,
 FRANCIS LYMAN GILMAN,
 MICHITARO HISA,
 GIFFORD LECLEAR,
 TRUMAN ABBE,
 GEORGE GRIFFITHS BARTLETT,
 JOHN HENRY CHASE,
 JOHN EDWARD CONNELLY,
 SYDNEY KINSMAN FENOLLOSA,

Richard Augustine Gambrill.
 Matthews.
 Class of 1856.
 Class of 1856.
 Price Greenleaf.
 Price Greenleaf.
 Bowditch.
 Bowditch.
 Bowditch.
 Bowditch.
 Bowditch.
 Bowditch.
 Bartlett.
 Fairar.
 Class of 1841.
 Dana.
 Bright.
 Kirkland.
 Merrick.
 Hodges.
 Walcott.
 Matthews.
 Walcott.
 Sales.
 Browne.

ROGER GILMAN,	Sales.
WILLIAM EDWARD HUTTON,	Class of 1814.
LOUIS JACOB ROESS,	Bassett.
FREDERIC HUNTINGTON BARTLETT,	Matthews.
WILLIAM AUSTIN SMITH,	Mary Saltonstall.
HERBERT LAIRD WINGATE SNELL,	Mary Saltonstall.
JOHN GEORGE ROBINSON,	Matthews.

Class of 1896.

PAUL CAPRON,	Class of 1802.
FRANCIS DEAK POLLAK,	Price Greenleaf.
FRANK JAMES BUCHANAN,	Cudworth.
WALTER BRADFORD CANNON,	Price Greenleaf.
GEORGE HENRY CHASE,	Price Greenleaf.
GILBERT NEWTON LEWIS,	Price Greenleaf.
HENRY WASHINGTON PRESCOTT,	Price Greenleaf.
HAROLD EDWARDS,	Bowditch.
JOHN EDWARDS LEBOSQUET,	Bowditch.
HERSCHEL WILDER LEWIS,	Bowditch.
JAMES WESSON PHELPS,	Bowditch.
HARRY AUGUSTUS BIGELOW,	Bowditch.
FRED RINALDO LEWIS,	Bowditch.
JOSEPH HILLYER THAYER MARTIN,	Bowditch.
PRESCOTT ORDE SKINNER,	Eliot.
JONAS VILES,	Bigelow.
JOSEPH PARKER WARREN,	Bigelow.
HARRY GAGE WYER,	Slade.
PHILIP REDFIELD DEAN,	Bright.
SIDNEY BRADSHAW FAY,	Bright.
FRANK RUSSELL PAGE,	Bright.
WILLIAM HILL DRAPER,	Rogers.
WILLIAM COOK GRAY,	Saltonstall.
HENRY SPARKS JOHNSON,	Sever.
ARCHER TYLER ROBINSON,	Story.
SELDEN PEABODY DELANT,	Doe.
EDMUND VON MACH,	Bassett.
JOHN STRONG PERRY TATLOCK,	Matthews.
GEORGE LEWIS BOSWORTH,	Pennoyer.
HARRY LAMPREY BROWN,	Pennoyer.
FRANK LAUREN HITCHCOCK,	Pennoyer.
CHARLES NEWTON LATHROP,	Matthews.
WALTER RUSSELL LORD,	Matthews.
ARTHUR MINTURN CHASE,	Matthews.

Class of 1897.

ROBERT EDWIN OLDS,	Price Greenleaf.
JONATHAN BALCOM HAYWARD,	Price Greenleaf.
ALBERT STRAW HOWARD,	Cudworth.
RUFUS WILLIAM SPRAGUE,	Price Greenleaf.
CHARLES ERNEST BROWN,	Bowditch.
IRVING LESTER FISK,	Bowditch.
HARRY MILLER LYDENBERG,	Bowditch.
GOLDTHWAITE MAYNARD HIGGINSON DORR,	Bowditch.
HARRY HOWARD HILL,	Bowditch.
ALBERT EDWARD KING,	Bowditch.
DANIEL SULLIVAN,	Bowditch.
CHARLES HULL BATCHELDER,	Sewall.
JAMES EDGAR GREGG,	Lowell.
PIERRE JOHNSON GULICK,	Bright.
WILLIAM BELMONT PARKER,	Hollis.
WALDO BROMLEY TRUESDELL,	Sewall.
HOWARD WAYNE WATERMAN,	Whiting.
MANUEL EMILIO FENOLLOSA,	Whiting.
CHARLES JENNEY,	Mowison.
WILLIAM EDWARD COLLINS,	Class of 1817.
NEWTON HENRY BLACK,	Abbot.
IRVILLE FAY DAVIDSON,	Class of 1835.
HUGHELL EDGAR WOODALL FOSBROKE,	Matthews.
HENRY BARRETT HUNTINGTON,	Matthews.
LEONARD KINGSLEY SMITH,	Greene.
FREDERICK SMITH WILLIAMS,	Perkins.
ALFRED HENRY CHILDS,	Class of 1828.
CHARLES WESLEY HOBBS,	Bassett.
WALTER ALDEN GRIFFIN,	Pennoyer.
SAMUEL RICHARD HAYTER,	Matthews.
HAROLD KING STANLEY,	Matthews.
SYDNEY HOWARD BORDEN,	Fall River.
WILLIAM EDMUND DOWTY,	Matthews.
CHARLES CONANT HARRIMAN,	Matthews.
HARRY CLARKE PLUM,	Matthews.
CHRISTOPHER MINOT WELD,	Choate.
RALPH BURNELL CALHOUN HICKS,	Lowell.
FRANCIS MINOT WELD,	Choate.

Class of 1898.

LOUIS LINCOLN WHITNEY,	Levina Hoar.
LEWIS ADAMS FALES,	Humphrey.

THE LAWRENCE SCIENTIFIC SCHOOL.

CHAUNCY RUSCH PERRY,	University.
CABOT STEVENS,	University.
HENRY HAWLEY KEELER,	University.
ARTHUR DURWARD,	University.
STEPHEN UPSHUR HOPKINS,	University.
HENRY ADAMS HOWE,	University.
MARTIN BUEL TINKER,	University.
EDMUND JOSEPH WOODMAN,	University.
CLARENCE SNOW,	University.
PAUL FRANKLIN JACOBSON,	University.
CHESTER FRANKLIN STILES,	University.
WILLIAM EDWIN CLARK,	University.
WILLIAM HAUCK,	University.
GEORGE BURR RICHARDSON,	University.
JAMES MEDBERRY MACKAYE,	University.
JOSEPH JORDAN EATON,	University.
ARTHUR ADRIAN DODD,	Normal School.
JACOB SCOTT GOCHENOUR,	Normal School.
LINUS WARD KLINE,	Normal School.
FREDERICK MCKENDRIM LOWE,	Normal School.
CHARLES WILSON MILLS,	Normal School.
DAVID GIBBS,	Normal School.
ROBERT WARREN FULLER,	Normal School.
EDWARD FRANKLIN SOUTHWORTH,	Normal School.

THE MEDICAL SCHOOL.

(Appointments for 1894-95.)

HENRY ALLEN WEBBER,	Barringer.
ARTHUR WHITE MARSH,	Barringer.
ARTHUR TEALL MANN,	Jones.
DANIEL FISKE JONES,	Isaac Sweetzer.
HENRY FRANCIS WILLARD,	Orlando W. Doe.
ARTHUR REED PERRY,	Charles Pratt Strong.
MAURICE JOSEPH LANDERS,	Faculty.
HYRUM ANDREW ANDERSON,	Faculty.
WILLIAM HENRY BARTON,	Faculty.
HOWARD TOWNSEND SWAIN,	Faculty.
HENRY DEXTER CHADWICK,	Foster Gratuity.
JAMES ARTHUR MAHON,	Foster Gratuity.

THE DIVINITY SCHOOL.

(Appointments for 1893-94.)

Williams Fellowships.

EDWIN STUTELY CARR.

JOHN BERRIDGE MCCUISE.

Edward Hopkins's Students of Divinity.

CHARLES MELVIS CROOKS.

AUGUSTUS PHINEAS RECORD.

WENDELL PHILLIPS ELKINS.

WILLARD REED.

OSCAR BROWN HAWES.

CARLOS CARSON ROWLISON.

Scholarships.

JAMES WILLIAM VAN KIRK,

Chapman.

PERU JOHNSON ANDREWS,

Cary.

TOMONOBU HIROTSU,

Cary.

GEORGE RUDOLPH GEBAUER,

Jackson.

WALTER REID HUNT,

Jackson.

ALVA ROY SCOTT,

Jackson.

MINOT OSGOOD SIMONS,

Jackson.

THEODORE WESLEY KOCH,

Clapp.

MYRON EUGENE BAKER,

Kendall.

WALLACE NELSON STEARNS,

J. H. Kendall.

WALTER LEWIS BARRELL,

Buttrick Fund.

FREDERICK MARSH BENNETT,

Buttrick Fund.

WILLIAM MORSE COLE,

Buttrick Fund.

SILAS JONES,

Buttrick Fund.

HENRY WILSON RUOFF,

Buttrick Fund.

ISMAR JOHN PERITZ,

Pomroy Fund.

AWARDS OF PRIZES. 1893-94.

Bowdoin Prizes.

I.

To JOHN HIRAM GEROULD, of the Graduate School, a prize of \$100 for a dissertation on *The evolution of sexuality*.

To EDWARD ANGUS BURT, of the Graduate School, a prize of \$100 for a dissertation on *The evolution of sexuality*.

To ARTHUR WINFRED HODGMAN, of the Graduate School, a prize of \$100 for a translation into Greek from *Emerson's Essay on Plato*.

AWARDS OF PRIZES.

II.

To JAMES SULLIVAN, JR., of the Senior Class, dissertation on *The "Defensor Pacis" of Marsigli "De Monarchia" of Dante.*

To LAWRENCE ARNOLD TANZER, of the Senior Class, for a dissertation on *A critical estimate of Bismarck*

IV.

To ASA WHITE KENNEY BILLINGS, of the Junior Class, for a dissertation on *Is the storage-battery system trolley system for the electric propulsion of street-car.*

JUDGES.

Class II.: Professor CHANNING, Professor H. V. BRANDEIS, Esq.

Class III.: Professor LANE, Professor ALLEN, P. L. LINGTON STERRETT.

Class IV.: Professor MARK, Professor HALL, Prof.

Sargent Prize.

To HERBERT HILARION YEAMES, of the Junior Class, for *A metrical version from Horace.*

Toppan Prize.

Not awarded in 1893-94.

Sumner Prize.

To HORACE ANDREW DAVIS, of the Law School, a dissertation on *The light which experience throws on Arbitration as a substitute for War.*

Dante Prize.

To KENNETH MCKENZIE, of the Graduate School, a dissertation for an essay on *The Rise of the "Dolce Stil Nuovo" as far up to the time of Dante.*

George B. Sohler Prize.

To WILLIAM VAUGHAN MOODY, of the Graduate School, for a thesis on *"Sidney's Arcadia and its Sources."*

Boylston Prizes.*Second Prizes.*

TO RALPH CURTIS RINGWALT, Junior.

TO EMIL GOLDMARK, Senior.

TO HARRY CLAYTON METCALF, Senior.

JUDGES:—HON. H. H. SPRAGUE, Rev. S. M. CROTHERS, Professor
G. H. PALMER, Professor J. H. BEALE, Mr. JOHN NOBLE, Mr. HERSEY
E. GOODWIN, Mr. E. R. THAYER, Mr. G. P. BAKER.

Sales Prize.

TO PRESCOTT ORDE SKINNER, of the Sophomore Class, a prize of \$45
for proficiency in Spanish composition.

Deturs.

In 1893-94 Deturs were given to the following students:—

Class of 1895.

WILLIAM EDWARD HUTTON.

Class of 1896.

GEORGE HENRY CHASE.
ARTHUR GARDNER LEWIS.
HENRY WASHINGTON PRESCOTT.
JOSEPH PARKER WARREN.
JOHN EDWARD LeBOSQUET.
HENRY AUGUSTUS BIGELOW.
FRANK JAMES BUCHANAN.
WALTER BRADFORD CANNON.
JOHN HART LEWIS.
GEORGE HOMER SPALDING.
PRESCOTT ORDE SKINNER.
JOHN STRONG PERRY TATLOCK.
HERSCHEL WILDER LEWIS.
WINSLOW HOBART HERSCHEL.
ARCHER TYLER ROBINSON.
FRANK EDWARD PARKER.
WINIFRED THAXTER DENISON.

GEORGE LEWIS BOSWORTH.
HARRY LAMPREY BROWN.
JOHN REED SWANTON.
JOHN GORHAM PALFREY.
CHARLES EGBERT BRYAN.
PAUL CAPRON.
FRED RINALDO LEWIS.
GEORGE WILLIAM MATTHEWS.
GEORGE LYMAN PAINE.
DAVE HENNEN MORRIS.
PLINIO DA SILVA PRADO.
ROSCOE JAMES HAM.
WILLIAM AINSWORTH PARKER.
HENRY LINDSAY SANFORD.
JOHN CHAMBERLAIN WARD.
GREGORY PAUL BAXTER.
CHARLES DUNBAR BOOTH.

GENERAL SUMMARY.

Government, Teachers and other Officers.

PRESIDENT AND FELLOWS	6
OVERSEERS	32
TEACHERS :—	
Professors	80
Associate Professors	8
Assistant Professors	35
Lecturers	11
Tutors	1
Instructors	114
Demonstrators and Assistants	93
	<hr/>
Whole number of Teachers	337
PREACHERS	5
CURATORS AND LIBRARY OFFICERS	18
PROCTORS AND OTHER OFFICERS	40

Students.

I. FACULTY OF ARTS AND SCIENCES :—

1. COLLEGE :—

Senior Class	327
Junior Class	348
Sophomore Class	425
Freshman Class	399
Special Students	168
	<hr/>
	1667

2. SCIENTIFIC SCHOOL :—

Fourth-Year Students	29
Third-Year Students	39
Second-Year Students	45
First-Year Students	91
Special Students	104
	<hr/>
	308

8. GRADUATE SCHOOL :—

Resident Students	242
Non-Resident Students	16
	<hr/> 258

Whole No. of Students under Faculty of Arts and Sciences, 2233

II. DIVINITY SCHOOL :—

Resident Graduates	13
Senior Class	6
Middle Class	14
Junior Class	18
Special Students	4
	<hr/> 50

III. LAW SCHOOL :—

Third-Year Students	82
Second-Year Students	136
First-Year Students	173
Special Students	13
	<hr/> 404

IV. MEDICAL SCHOOL :—

In Courses for Graduates	18
Fourth Class	33
Third Class	98
Second Class	123
First Class	182
	<hr/> 454

V. DENTAL SCHOOL :—

Third-Year Students	19
Second-Year Students	21
First-Year Students	40
	<hr/> 80

VI. SCHOOL OF VETERINARY MEDICINE :—

Third Class	9
Second Class	14
First Class	29
Special Students	10
	<hr/> 62

VII. BUSSEY INSTITUTION 12

Whole Number of Students	3295
Deduct for names inserted more than once . . .	5
	<hr/> 3290

GENERAL SUMMARY.

SUMMER COURSES:—

English . . . . .	.
Anglo-Saxon . . . . .	.
German . . . . .	.
French . . . . .	.
History . . . . .	.
Psychology . . . . .	.
Mathematics . . . . .	.
Engineering . . . . .	.
Physics . . . . .	.
Chemistry . . . . .	.
Botany . . . . .	.
Geology . . . . .	.
Physical Training . . . . .	.
Courses at Medical School . . . . .	.

Deduct for names inserted more than once

DIRECTORY

OF OFFICERS AND STUDENTS IN ALL DEPARTMENTS OF THE UNIVERSITY.

The italic letter following the name indicates to what department of the University the student belongs:—*B.*, Bussey Institution; *C.*, College; *Dn.*, Dental School; *Dv.*, Divinity School; *G.*, Graduate School; *L.*, Law School; *M.*, Medical School; *S.*, Scientific School; *V.*, School of Veterinary Medicine. *A. O.* stands for Astronomical Observatory, *M. Z.* for the Museum of Comparative Zoölogy, *P. M.* for the Peabody Museum, and *U. M.* for the University Museum.

The numbers 1, 2, 3, and 4, preceding these letters, indicate the Freshman, Sophomore, Junior, and Senior Classes respectively in College, or the first, second, third, and fourth years in the Schools. *s* means special student. *gr* means graduate student.

Addresses followed by an asterisk (*) are in Boston; all others are in Cambridge, unless stated to be elsewhere. It will be noticed that the number *precedes* the name of a street, but *follows* the name of a building.

Names of buildings are abbreviated as follows: *C.*, College House; *C't*, Conant Hall; *D.*, Divinity Hall; *D. H.*, Divinity House; *F.*, Foxcroft House; *G.*, Grays Hall; *H.*, Hollis Hall; *H'ke*, Holyoke House; *H'y*, Holworthy Hall; *M.*, Matthews Hall; *P.*, Perkins Hall; *S.*, Stoughton Hall; *T.*, Thayer Hall; *W.*, Weld Hall; *W. H.*, Walter Hastings Hall.

The addresses of students in the Medical School are given in most cases; but mail matter may be sent to any Medical student addressed Harvard Medical School, Boston, Mass.

Any discrepancy which may exist between the addresses as given in this Directory and in the former part of the Catalogue arises from the fact that changes were made after the first part of the Catalogue was in press. The addresses, as given here, are in all cases the later ones.

Abbe, C., 1 <i>G</i> .	58 Hammond.	Adams, H., 1 <i>C</i> .	Claverly 3.
Abbe, F. R., 4 <i>M</i> .		Adams, H. M., 1 <i>C</i> .	Ware 9.
	54 Pleasant St., Dorchester.	Adams, H. S., <i>sS</i> . (also <i>B.</i>),	
Abbe, T., 4 <i>C</i> .	D. H. 3.	2 Gleason St., Dorchester.	
Abbe, W., 1 <i>C</i> .	D. H. 3.	Adams, I. S., 4 <i>C</i> .	7 Linden.
Abbott, A., 2 <i>C</i> .	D. 31.	Adams, J., 1 <i>C</i> .	Claverly 27.
Abbott, C. H., 4 <i>C</i> .	D. 18.	Adams, K., 1 <i>C</i> .	W. 48.
Abbott, G. B., 2 <i>C</i> .	P. 68.	Adams, W. A., <i>sC</i> .	94 Wendell.
Abbott, G. H., <i>sC</i> .	788 Mass. Ave.	Adams, W. D., 2 <i>C</i> .	W. 12.
ABBOTT, H. V., <i>Asst.</i> (also 1 <i>G</i> .),		Adams, W. G., 2 <i>M</i> .	Hyde Park.
	P. 77.	Addison, H. E., 3 <i>C</i> .	P. 7.
Abbott, J., 3 <i>L</i> .	126 Mt. Auburn.	Adler, H. M., 2 <i>C</i> .	P. 29.
Abbott, J. M., 1 <i>C</i> .	11 Sumner.	AGASSIZ, A., <i>Director</i> and	
Abbott, T. J., 3 <i>C</i> .	P. 77.	<i>Curator of M. Z.</i>	36 Quincy.
Abele, G. W., 2 <i>C</i> .	759 Shawmut Ave.*	Ahlers, L. A. E., 1 <i>G</i> .	T. 44.
Abell, C. S., <i>sC</i> .	9 Waterhouse.	Albright, R. K., 1 <i>C</i> .	Ware 35.
Abrams, M. D., <i>sC</i> .	216 W. Newton.*	Alden, E., 2 <i>C</i> .	P. 45.
Adams, C., 1 <i>S</i> .	26 Holyoke.	Aldrich, M. A., 4 <i>C</i> .	M. 60.
ADAMS, C. A., <i>Instr.</i>	13 Farrar.	Aldrich, R. C., 1 <i>C</i> .	14 Oxford.
Adams, E. F., 3 <i>C</i> .	C. 29.	ALLEN, E. T., <i>Asst.</i> (also 2 <i>G</i>),	
Adams, E. L., 4 <i>C</i> .	68 Mt. Auburn.		Arlington.
Adams, E. M., 3 <i>C</i> .	24 Mt. Auburn.	ALLEN, F. D., <i>Prof.</i>	10 Humboldt.
ADAMS, G. E., <i>Overseer</i> ,	Chicago.	Allen, F. W., 2 <i>Dn</i> .	Braintree.

- Allen, G., 1C. H. 23.
 Allen, H. V. D., 4C. 2 Phillips Pl.
 Allen, J. C., *grDv.* 94 Wendell.
 Allen, J. W., 2L. Felton 11.
 Allen, S. P., 2C. High St., Brookline.
 Allen, S. W., 2M. 509 Beacon.*
 Allen, T. F., 4C. Claverly 12.
 Allison, T., 1G. 2 Leonard Ave.
 Almy, F. S., sC. H'ke 4.
 Amerman, G. L., 2M. 89 Charles.*
 Ames, E. W., 3C. Chelsea.
 Ames, F. L., 1C. Claverly 7.
 AMES, J. B., *Prof. L.* 11 Frisbie Pl.
 Ames, J. G., 1G. 1595 Mass. Ave.
 AMES, J. L., *Asst. M.* 92A Pinckney.*
 Ames, L. A., 3C. M. 22.
 Ames, O., 1C. Ware 48.
 Ames, W., 4C. Read's 6.
 Amory, G. G., 3C. Claverly 47.
 Anderson, H., 1S. Manter 7.
 Anderson, H. A., 3M. 17 Beacon St., Somerville.
 Andrew, A. P., 2G. Winthrop 24.
 Andrew, J. C. S., 3C. 17 Sacramento.
 Andrews, E. A., 3M. Malden.
 Andrews, H. E., 1G. 12 Oxford.
 Andrews, H. V., 3M. Harv. Med. Sch.*
 Andrews, T. W., 3C. T. 15.
 Angier, R. P., 2C. P. 72.
 Applebee, J. H., *grDv.* 10 Ashford St., Allston.
 Appleton, G. D., 1C. 19 Ware.
 Appleton, W. S., 3C. H'ke 16.
 Apscy, A. S., 3L. S. 9.
 Archer, C. A., 2C. C. 3.
 Archer, F. M., 1L. 12 Oxford.
 Armistead, D. W. A., 1S. W. 33.
 Armstrong, E. D., 3C. P. 3.
 Armstrong, J. M., 2V. 133 Roxbury.*
 Arnold, E. K., 4C. 10 Frisbie Pl.
 Arnold, F. S., 1C. 16 Oxford.
 Arnold, H. N., 2C. Ware 19.
 Arnold, J. D., 2L. M. 41.
 ARNOLD, J. H., *Librarian*
of Law School, 10 Frisbie Pl.
 Arnold, W., 1L. M. 39.
 Arvedson, E. S., 3Dn. 74 Boylston.*
 ASHLEY, W. J., *Prof.* 6 Acacia.
 ASHTON, C. H., *Instr.* 31 Maple Ave.
 Ashton, J. N., 4G. Salem.
 Aspinwall, W. B., 3C. H. 30.
 Atkinson, E. E., 4G. Belmont.
 Atkinson, R. T., 1M. 131 Dartmouth.*
 Atwood, C. F., 3C. 86 Mt. Auburn.
 Austin, J. A., 3C. 61 Spring.
 Austin, R., 3C. H'y 4.
 Auten, B. C., 2C. C. 46.
 Ayer, W., 2L. Hilton 12.
 Ayres, C. H., 1C. C't 2.
 Baars, T. D., 1C. C't 87.
 BABBITT, F. C., *Proctor* (also 5G.),
 Felton 18.
 Babbitt, F. J., 1V. Lynn.
 BABBITT, I., *Instr.* 65 Hammond.
 Babcock, K. C., 1G. 20 Mellen.
 Babcock, W. E., 3L. 1727 Cambridge.
 Babson, E. W., 1V. Gloucester.
 Babson, F. M., 2C. W. 12.
 Bacon, C. E., 3C. W. 23.
 Bacon, H. S., 1L. 61 Wendell.
 Bacon, J. C., 1M. 62 Pinckney.*
 Bacon, N. S., 4C. 80 Garfield.
 Bacon, P. V., 1C. W. 23.
 BACON, R., *Overseer,* 88 State.*
 Bacon, T. S., 1M. Natick.
 Budger, G. S. C., 2M. 109 Pinckney.*
 Badger, S. E., 3C. Hyde Park.
 Bail, J. W., 1C. P. 12.
 Bailey, F. M., 2C. Ware 45.
 Bailey, H. C., 2C. 81 Central St., Somerville.
 Bailey, W. C., 1M. 72 Mt. Vernon St., E. Somerville.
 Baker, B. S., 2C. Hilton B.
 BAKER, G. P., *Instr.* 50 Buckingham.
 Baker, M. H., 3S. 455 Mass. Ave.*
 BAKER, W. H., *Prof. M.* 22 Mt. Vernon.*
 Baker, W. W., 1C. P. 85.
 Balch, A. W., 1M. Harv. Med. Sch.*
 Balch, F. N., 3C. Hilton 18.
 Baldwin, M. T., 2L. 10 Mellen.
 BALLOU, S. M., *Proctor* (also 2L.),
 Little's 7.
 Bampton, G. F., 1C. C. 29.
 Bancroft, A. W., 4S. P. 9.
 Bancroft, H., 1C. 5 Putnam Ave.
 BANCROFT, W. A., *Overseer,*
 5 Putnam Ave.
 Banks, C. B., 1V. Lowell.
 Banks, E. J., 2G. Wayland.
 Bannister, L. W., 2L. 15 Story.
 Barber, M. S., 2C. 26 Mellen.

- Barclay, R. C., 18. C't 40.
 Barger, M. S., sC. Beck 27.
 Barker, LeB. R., 1C. 140 Brattle.
 Barker, N. A., 4C. Newell.
 Barker, R. M., sC. 381 Harvard.
 Barlow, C. L., 2L. 52 Brattle.
 Barnard, C. A., sC. 10 Arlington.
 Barnard, C. L., 2C. 7 Sumner.
 Barnard, F. H., 3Dn. Brookline.
 Barnard, F. P., 1Dn. 119 Warren Ave.*
 Barnes, A. F., 1C. P. 8.
 Barnes, H. A., 3M. Somerville.
 Barnes, H. G., 2C. W. H. 15.
 Barnes, L. M., 3C. M. 5.
 Barney, C. N., 4M. 93 Mt. Vernon.*
 Barney, G. L., 4M. 93 Mt. Vernon.*
 Barnum, S., 1L. D. 25.
 Barr, L., 1G. 275 Marlboro'.*
 Barrell, C. S., 3M. C. 22.
 Barrell, W. L., 2Dv. 9 Francis Ave.
 Barret, C., 3C. Claverly 53.
 Barrett, J. L., 2M. Woburn.
 Barrett, M. F., 2C. Auburndale.
 Barrett, R. L. M., 1C. 12 Kirkland Pl.
 Barrows, E. D., 3Dn. 69 Franklin St., Allston.
 Barry, F. E., 2C. W. 1.
 Barstow, J. S., sS. P. 79.
 Barstow, R. L., 1C. Shepherd 16.
 Bartlett, F. H., 4C. W. 27.
 BARTLETT, G. A., Assoc. Prof. Beck 26.
 and Regent, P. 52.
 Bartlett, G. G., 4C. Lynn.
 Bartlett, R. L., 3Dn. Woburn.
 Bartlett, S. D., 1M. 58 Hammond.
 Bartlett, W. A., 1G. 1208 Mass. Ave.
 Bartol, E. F. W., 2C. T. 13.
 Barton, E. B., 1C. Waltham.
 Barton, J. A., 2M. Waltham.
 Barton, W. H., 2M. W. H. 21.
 Bass, L., 3L. Hilton A.
 Bass, R. P., 3C. 9 DeWolfe.
 Bassett, B. F., 2C. 36 Mt. Auburn.
 Batchelder, C. H., 2C. C. 59.
 Bates, H. F., 1C. 56 Dana.
 BATES, W. N., Instr. Chelsea.
 Bathrick, H. A., 4C. H'ke 23.
 Battis, J. A., 1C. M. 2.
 Baumer, H. E., sC. H. 14.
 Baxter, G. P., 3C. 9 Dana.
 Beach, D. N., 1G. C. 27.
 Beal, Henry W., 2C.
- Beal, Howard W., 2M. 8 Follen.*
 Beale, A. M., 2C. P. 68.
 BEALE, J. H., Asst. Prof. L. 13 Chauncy.
 Beals, G., 1L. H'ke 29.
 Beals, G. C., 1C. G. 20.
 BEAMAN, C. C., Overseer, New York, N. Y.
 Beard, I. M., 4C. P. 38.
 Bechhold, M., 4C. 1172 Mass. Ave.
 Beckwith, C. H., 2L. H. 19.
 Beebe, A. A., 1M. 199 Commonwealth Ave.*
 Beebe, T. C., 2C. M. 34.
 Beecher, F. L., 1C. W. H. 18.
 Beers, L. A., sC. 1178 Mass. Ave.
 Beggs, W. E., 2C. P. 36.
 Begien, R. N., 2C. T. 58.
 Belden, C. F. D., sC. S. 29.
 Belisle, H. L., 3C. Brewer's 3.
 Bell, G. K., 2L. W. H. 53.
 Bell, S., 3S. 164 Brattle.
 Bell, W., 2L. 78 Emerald.*
 Bell, W. W., 2C. T. 64.
 Belmore, B. W., 3C. W. 51.
 Belt, E. J., 1C. P. 85.
 BEMIS, J. W., Asst. 1 Walker.
 Benedict, E. S., 3C. Beck 45.
 Benjamin, J. M., 1S. 773 Tremont.*
 Bennett, C. H., sC. 96 Pembroke.*
 Bennett, F. M., sDv. D. 10.
 Bennett, H. J., 1C. S. 2.
 Bennett, J., sV. Lowell.
 Benshimol, M., 4C. 107 Inman.
 Benson, A. E., 1G. 4 Mercer Circle.
 Benson, G., 1C. 4 Mercer Circle.
 Bent, N., 4C. 52 Concord Ave.
 Berg, C. O., sL. 1683 Cambridge.
 Berle, T. P., 1G. D. 8.
 Berry, B. J., 2S. M. 26.
 Berry, C. W., 1Dn. 483 Mass. Ave.*
 Berry, H. N., 2L. C't 46.
 Bettmann, M., 2C. W. 1.
 BETTS, L. H., Recorder at Gymnasium, 86 Buckingham.
 Bevan, W. L., 1G. Concord.
 Bibber, H. T., sS. 396 Harvard.
 Bienemann, E. C., 2Dn. 5 Columbus Sq.*
 BIERWIRTH, H. C., Instr. W. 36.
 Bigelow, E. V., 3G. Cohasset.
 Bigelow, F. H., 1C. M. 38.
 Bigelow, H. A., 3C. C. 8.
 Bigelow, L. H., 1C. H'ke 12.

- Bigelow, L. M., 4C. 15 Buckingham.
Bigelow, W. D., 1C.
7 St. James St., Roxbury.
Billings, A. W. K., 4C. 11 Summer.
Binford, F. A., 1M. 212 W. Canton.*
Bingham, N. W., 4C. M. 56.
Binney, H., 2C. 44 Brattle.
Bird, L. E., sC. 1689 Cambridge.
Bird, R. C., 1S. 18 Bigelow.
Bird, T. R., 1L. 17 Kinnaird.
Birge, R. H., 1M. Winchester.
Bishop, E. B., 1L. Newton Centre.
BIXBY, H. O., *Instr. Dn.*
1861 Mass. Ave.
Black, N. H., 2C. C. 39.
Black, W. M., 1G. 14 Howland.
Blackburn, G. N., 1S. 133 River.
Blackhurst, E. W., 1L.
24 Leonard Ave.
Blackman, C. E., sL. 14 Howland.
Blagden, L., 3C. Claverly 21.
BLAISDELL, E. C., *Instr. Dn.*
Portsmouth, N. H.
BLAKE, C. J., *Prof. M.*
226 Marlboro'.*
Blake, F. S., 1L. Claverly 38.
Blake, G. B., sS. (also B.),
Claverly 38.
Blake, H. F., 2L.
37 Carlton St., Brookline.
Blake, R. V., 1Dn. Waltham.
Blake, W. H., 1C. 43 Irving.
Blanchard, H., 1C. Hilton 14.
Blanchard, H. L., 3C. T. 67.
Blanchard, J. A., 3L. 8 Gloucester.*
Blaney, C. C., 3L. H'y 9.
BLANKINSHIP, J. W., *Asst.*
(also 1G.), 11 Line.
Blaustein, D., sC. Providence, R. I.
Blevins, A. H., 1S. 222 Putnam Ave.
Bliss, C. N., 2C. Claverly 5.
Block, H. J., 1C. G. 12.
Blodgett, C. M., 1M.
1 Claremont Park.*
Blodgett, J. H., 2M. 390 Boylston.*
Blodgett, W. E., 3C. W. H. 19.
Blood, C. R., 2C. Brewer's 2.
Bloom, A. L., sC. Quincy 3.
Bloss, E. B., 2L. M. 33.
Blye, J. N., 2S. Trinity 12.
Boal, M. D., sC. Little's 15.
Boardman, S. M., B. Mattapan.
Boardman, S. W., 3C. 6 Story.
Boardman, W. D., 2G. Winthrop 25.
BOARDMAN, W. E., *Instr. and*
Cur. of Dn. Mus. 184 Boylston.*
Bôcher, F., *Prof.* 12 Holyoke Pl.
Bôcher, M., *Asst. Prof.*
12 Shepard.
Boettcher, C., sS. 1727 Cambridge.
Bolster, S. M., 2C. T. 64.
BONAPARTE, C. J., *Overseer,*
Baltimore, Md.
Bond, T., 1C. 18 Plympton.
Bonelli, W. H., 1C. 24 Falmouth.*
Bonney, F. P., 2C. 82 Arlington.
Bonney, R., 1M. Chelsea.
Bonsall, W., 1C. P. 34.
Boodro, W. H., 1M. 265 Gold.*
Booth, C. D., 3C. W. 51.
Booth, P. N., 3C. W. 87.
Borden, A., 3C. 8 Holyoke.
Borden, S. H., 2C. 18 Trowbridge.
Bordman, J., 1L. Concord.
Borncamp, J. E., 2Dv. D. 7.
Bosler, D. C., 2C. Quincy 5.
Bosworth, G. L., 3C.
1689 Cambridge.
Bottomley, J. T., *grM.*
Harv. Med. Sch.*
Boucher, C., 3C. Hilton 28.
Boulton, S. S., sS. 56 Mt. Auburn.
Bourne, A. P., *grDv.* D. 41.
Bouton, C. L., 1G. 92 Wendell.
Bouvé, G. W., 1C. 27 Holyoke.
Bouvé, T. T., 2C. H. 28.
Boutwell, J. M., 2S. 40 Kirkland.
Bowditch, H. I., 1C. W. H. 23.
BOWDITCH, H. P., *Prof. M.*
Jamaica Plain.
Bowditch, I., 2C. Little's 12.
BOWDITCH, V. Y., *Asst. M.*
719 Boylston.*
Bowers, J. A., 1L. 55 Trowbridge.
Bowersoch, J. D., 2L. P. 57.
Bowker, H., 1C. W. 47.
Bowler, R. P., 2L. 52 Brattle.
Bowles, H. I., 2C. C. 81.
Bown, C. E., 1C. 69 Oxford.
Bowser, C. B. B., 4C. Wakefield.
Bowser, E. K., 3C. Wakefield.
Boyden, A. J., 4C. M. 39.
Boyer, H., sC. 3 Norfolk.
Boyle, A. J., 4M.
1 Shawmut Park, Dorchester.
BOYNTON, J. H., *Asst.* (also 2G.),
S. 21.
Boysen, J. L., 1C. 22 Lake.

- BRACKETT, C. A., *Prof. Dn.*
Newport, R. I.
- BRACKETT, R. D., 1C. 17 Dunster.
- BRADFORD, E. H., *Asst. Prof., M.*
133 Newbury.*
- BRADLEE, D. H., 1S. Hilton 15.
- BRADLEY, D. H., 2C.
19 Concord Ave., Somerville.
- BRADLEY, F., *Instr. Dn.*
Newport, R. I.
- BRADLEY, J. J., 1M. Harv. Med. Sch.*
- BRANARD, H. B., 1S. P. 9.
- BRANDES, J. F., sS. 12 Sumner.
- BRAYTON, I., 3C. T. 56.
- BRAYTON, W. L. S., 3C. T. 56.
- BRECKINRIDGE, J. C., 3L. H'ke 48.
- BREED, G. H., 1C. P. 1.
- BREED, M., 1C. P. 1.
- BREED, N. P., sC. C. 15.
- BREMER, C. L., 3C. Shepherd 10.
- BREMER, J. L., 3C. Claverly 43.
- BRENEMAN, H. K., 1M.
Harv. Med. Sch.*
- BRENT, H. K., 1S. Ware 41.
- BREWER, A. H., 3C. Read's 26.
- BREWER, C., 3C. Claverly 29.
- BREWSTER, E. T., 3G. 80 Wendell.
- BREWSTER, F., *Instr. L.* 39 Court.*
- BREWSTER, J. A., 4C. S. 23.
- BRICE, W. K., 4C. Beck 86.
- BRIDGHAM, S. W., 1L. 24 Quincy.
- BRIGGS, F. von, 4C. T. 41.
- BRIGGS, C. E., 2M. 31 Union Pk.*
- BRIGGS, E. C., *Asst. Prof. Dn.*
125 Marlboro'.*
- BRIGGS, LeB. R., *Prof. and*
Dean of Harv. Coll. 140 Brattle.
- BRIGGS, W. M., 4C. Claverly 16.
- BRIMMER, M., *Fellow*, 47 Beacon.*
- BRINCKERHOFF, W. R., 2S. P. 52.
- BRINE, L. R., 1S. Winchester.
- BRINE, W. P., sC.
134 Highland Ave., Somerville.
- BRISTOL, L. E., 1C. F. 6.
- BRITTON, C. O., sC. 1137 Mass. Ave.
- BROGAN, H. H., 1L. 1122 Mass. Ave.
- BROKAW, J. H., 1L. 37 Putnam Ave.
- BRONSON, C. W., 1S.
5 Buckingham Pl.
- BRONSON, G. G., sC.
80 Wesley St., Newton.
- BROOKINGS, W. D., 4C. M. 54.
- BROOKS, H. G., 1C. 28 Holyoke.
- BROOKS, R., 3C. Beck 21.
- BROOKS, W. A., *Asst. M.* 10 Exeter.*
- BROOKS-ROSENTHAL, S., sC. 5 Hilliard.
- BROUGHTON, A. N., 2M.
277 Lamartine St., Jamaica Plain.
- BROWDER, J. B., 1G. 44 Sacramento.
- BROWER, D. R., 1S. Ct 5.
- BROWN, A. B., 1M. 483 Mass. Ave.*
- BROWN, A. C. L., 1G. 45 Oxford.
- BROWN, C. A., 3C. W. 11.
- BROWN, C. E., 2C. C. 39.
- BROWN, C. G., 1Dn. Stoughton.
- BROWN, C. H., 3C. P. 48.
- BROWN, C. N., 3G. 322 Harvard.
- BROWN, E., 4C. H'y 14.
- BROWN, E. H., 3C. H'y 14.
- BROWN, F. P., sS. 232 Mass. Ave.*
- BROWN, F. W., 2C. W. H. 26.
- BROWN, G. E., 1L. H'ke 4.
- BROWN, H. D., 3C. H'ke 45.
- BROWN, H. E., 2V. 50 Village.*
- BROWN, HAROLD H., 2C. Ct 15.
- BROWN, HARRISON H., 1G. D. 86.
- BROWN, H. L., 3C. W. H. 46.
- BROWN, H. P., 1L. 125 Mt. Auburn.
- BROWN, H. T., 4C. H'ke 45.
- BROWN, HAROLD W., 2C. F. 7.
- BROWN, HOWARD W., 4C. H. 31.
- BROWN, L. A., 1C. W. 16.
- BROWN, P. E., sS. W. 11.
- BROWN, R. W. P., 1C. W. 54.
- BROWN, W. C., *gr Dv.* D. 12.
- BROWN, W. G., *Asst. in Coll.*
Library, Read's 24.
- BROWNE, G. A., 1C. Claverly 33.
- BROWNE, J. H., sS. W. H. 27.
- BROWNELL, E. I., 3L. 1697 Cambridge.
- BRUMBAUGH, I. H., 4C. 19 Rutland.
- BRUN, A., *Instr.* 32 Putnam Ave.
- BRUWER, M. L., 2G. 16 Gerry.
- BRYAN, C. E., 3C. Wadsworth 13.
- BRYANT, A. A., 2C. 94 Richdale Ave.
- BRYANT, C. S., 3C. 67 Oxford.
- BRYANT, E. L., 4C. H. 31.
- BRYANT, W. S., *Asst. M.*
1 Charles Gate East.*
- BUBB, C. E., sS. W. H. 61.
- BUCHANAN, F. J., 4C. 1601 Mass. Ave.
- BUCK, A. F., 3G. 61 Gorham.
- BUCK, M. A., 1M. No. Wilmington.
- BUCKINGHAM, E. M., *Instr. M.*
53 Worcester.*
- BUCKLEY, W., 3V.
19 Virginia St., Somerville.
- BUCKMAN, G., 2S. 14 Oxford.

- Buckminster, W. R., 2L. G. 10.
 Buell, H. D., 2C. 1270 Mass. Ave.
 Buffum, H. E., 2M. 75 Florence St., Somerville.
 Bull, C. C., 1C. C't 25.
 Bull, H. A., 4C. M. 21.
 Bull, R. W., 3S. M. 21.
 Bullard, A. W., 4C. 97 Pembroke.*
 Bullard, J. R., 2C. 1256 Mass. Ave.
 Bullock, A. H., 3C. W. 44.
 Bullock, C., 1L. 12 Kirkland Pl.
 Bumpus, E. A., sS. H'ke 81.
 Bumpus, E. C., 2C. H'ke 81.
 Bunting, J. E., sS. 58 Wendell.
 Burchsted, C. E., sV. 708 Mass. Ave.*
 Burden, E. D., 2M. Harv. Med. Sch.*
 Burden, I. T., 2C. Beck 25.
 Burdett, A. J., 3C. C't 10.
 Burdett, H. C., 1C. C't 33.
 Burgess, E. G., 1S. Beck 41.
 Burgess, F. W., 4C. C. 19.
 Burgess, H. M., 1V. Hyde Park.
 Burke, E. G., 2M. Quincy.
 Burke, F. R., 1C. S. 8.
 Burke, M. F., 3M. Natick.
 Burke, W. E., 1L. S. 8.
 Burleigh, P. N., 1L. 61 Oxford.
 Burley, B. T., 2C. Felton 12.
 Burlingame, F. A., 2C. H'y 16.
 Burnett, J., 2C. 78 Mt. Auburn.
 Burnett, V., 1C. Quincy 11.
 Burnham, E. A., grM. Harv. Med. Sch.*
 Burns, F. S., 1M. 12 Holyoke.*
 Burnstine, H. C., 1C. 1595 Mass. Ave.
 Burr, A., Instr. V. 548 Tremont.*
 Burr, C., 1L. Winthrop 20.
 Burr, N. B., 2L. Winthrop 19.
 Burrage, G. B., 1C. W. 49.
 BURRAGE, W. L., Instr. M. 317 Marlboro'.*
 Burrage, W. S., 1G. 10 Fayette.
 BURRELL, H. L., Asst. Prof. M. 22 Newbury.*
 Burrows, F. G., 2M. Harv. Med. Sch.*
 Burt, E. A., 2G. 12 Howland.
 Burton, H. E., 3G. 8 Clinton.
 Busch, C. V., 2S. P. 2.
 Busch, G. M., sS. P. 2.
 Bushnell, H. D., 1C. P. 37.
 Butler, C. S., 2M. 257 Newbury.*
 Butler, E. G., sC. Ware 2.
 Butler, H. A., 2C. F. 4.
 Butler, J. A., 1S. 89 Hammond.
 Butler, L. S., 1C. Ware 7.
 Butler, M. L., 1C. W. 43.
 Butler, T. J., sC. 50 Trowbridge.
 Butler, W. A., 1L. D. 1.
 Butler, W. R., 1G. 4 Lafayette.
 BYERLY, W. E., Prof. 39 Hammond.
 Bygrave, H. R., 1C. Belmont.
 Byrd, W., 2C. H'y 22.
 Byrnes, E., 1C. 30 Millmont St., Roxbury.
 Byrnes, W., 2C. T. 8.
 CABOT, A. T., Instr. M. 8 Marlboro'.*
 Cabot, H., 1M. Brookline.
 Cabot, N. W., 1C. 27 Holyoke.
 Cahn, L. M., 1L. M. 11.
 Calder, A. W., 2M. 33 St. James Ave.*
 Calkins, G., 2C. S. 5.
 Calkins, L., 3L. S. 5.
 CALKINS, R., Instr. (also 1Dv.), P. 44.
 Callender, G. S., 3G. S. 19.
 CALVERT, S., Proctor, Warland 13.
 Cameron, W. H., 3C. M. 54.
 Campbell, D., 1L. 14 Rutland.
 Campbell, D. F., 1G. 13 Remington.
 Campbell, F., sC. 42 Langdon.
 Campbell, F. A., 1L. 660 Washington.*
 Campbell, J. S., 1L. 12 Oxford.
 Canfield, H., 2C. 20 Ware.
 Cannon, W. B., 3C. C. 32.
 Capen, E. W., 2C. M. 58.
 Capen, R. T., 4C. M. 58.
 Capps, J. A., 4M. Harv. Med. Sch.*
 Capron, P., 3C. F. 5.
 Carden, C. J., 2M. Harv. Med. Sch.*
 CAREY, E. P., Proctor (also 1G.), C. 17.
 Carleton, R. H., 1C. Little's 6.
 CARNEY, F., Asst. in Coll. Li-
 brary, Warland 3.
 Carney, M. F., 3C. 19 Circuit St., Roxbury.
 Carpenter, D. N., 3M. Harv. Med. Sch.*
 Carpenter, H. F., 2C. M. 12.
 Carpenter, J. A., 2C. M. 12.
 CARPENTER, J. E., Preacher, Wadsworth 1.
 Carr, A. L., 1C. Melrose.
 Carr, C. A., 3Dn. 48A Oliver St., E. Somerville.

- Carret, J. W., 2C. 6 Appian Way.
 Carrier, S. F., 1 V.
 87 Blue Hill Ave., Roxbury.
 Carter, A. M., 1C. P. 14.
 Carter, A. P., 1L. W. H. 55.
 Carter, A. T., 2C. Quincy 8.
 Carter, C. E., 2S.
 2 Trowbridge Terrace.
 Carter, C. G., 3C. 44 Brattle.
 Carter, C. S., 1M. Harv. Med. Sch.*
 Carter, F. B., 1C. 1132 Mass. Ave.
 Carter, H. L., 1C. W. H. 7.
 CARTER, J. C., *Overseer*,
 New York, N. Y.
 Carter, R. B., 1C. W. H. 7.
 Carter, T. H., 4M. Harv. Med. Sch.
 Cary, F. H., 1M. Millbury.
 Case, C. E., 1C. C't 34.
 Case, F. T., 1C. C't 34.
 Cashman, W. T., 2L.
 38 Concord Sq.*
 Cass, E. S., 2L. 20 Mellen.
 Cassatt, R. K., 3S. 68 Mt. Auburn.
 Casebeer, H. A., 3C. Trinity 15.
 Cassidy, D. D., 1S. H'ke 5.
 Cassidy, J. J., 1M.
 Harv. Med. Sch.*
 Cassidy, W. M., 2G. W. Medford.
 Castle, T. P., 2C. 28 Holyoke.
 CASTLE, W. E., *Proctor* (also 2G.),
 C. 5.
 Caswell, J., 1L. 501 Beacon.*
 Caswell, W. W., 3C. Claverly 6.
 Cate, W. E., 4C. 89 Hammond.
 Catlin, D. C., 2L. 43 Irving.
 Catlin, S. R., 2M. 27 Dartmouth.*
 Catron, W. V. A., 2G. 80 Irving.
 Chace, F. A., 2C. 18 Trowbridge.
 CHADBOURNE, A. P., *Demonstr. M.*
 225 Marlboro'.*
 Chadwick, H. D., 4M. Waltham.
 Chalfin, P., 1C. 10 Frisbie Pl.
 CHAMBERLAIN, M., *Sec'y of L. S. S.*
 Quincy 6.
 Chamberlain, W. P., 2M.
 27 Dartmouth.*
 Chamberlin, H. H., 4C. Ware 42.
 Chamberlin, J. B., 3S. Ware 55.
 Champncy, E. F., 3C. H'ke 17.
 Chandler, B. M., 5C. Ware 38.
 CHANDLER, T. H., *Prof. and*
 Dean of Dn. Sch. 161 Newbury.*
 Chandler, W. M., 1C. W 17.
 Chaney, G. C., 2L. T. 42.
 CHANNING, E., *Asst. Prof.*
 1 Brewster.
 Chapman, E. M., 3M. Needham.
 Chapman, J. L., 5C. 17 Shepard.
 Chard, T., 5C. 61 Brattle.
 Chase, A. H. S., 2Dn. Everett.
 Chase, A. McC., 3G. 19 Lancaster.
 Chase, A. M., 3C. H. 25.
 Chase, E. N., 3C. T. 38.
 CHASE, G. D., *Proctor* (also 1G.),
 25 Holyoke.
 Chase, G. H., 3C. H. 30.
 Chase, J. H., 4C. C. 52.
 Chatman, J. E., 2C. M. 32.
 Chaves, F. P., 5C. H'ke 49.
 Cheek, J. M., 1G. 44 Sacramento.
 Cheever, D., 2C. Little's 13.
 CHEEVER, D. W., *Prof. Em.*
 557 Boylston.*
 CHENEY, F. E., *Instr. M.*
 Hotel Bristol, Copley Sq.*
 CHESTER, F. D., *Asst.*
 Hotel Bristol, Copley Sq.*
 CHILD, F. J., *Prof.* 67 Kirkland.
 Childs, A. H., 2C. C. 66.
 Childs, H. H., 1C. 5 Linden.
 Chipman, G. E., 1C. 1586 Cambridge.
 Chipman, R. L., 1C. P. 54.
 Chisholm, F. G., 1C. 14 Leonard Ave.
 Chittenden, A. P., 2C. C. 37.
 Chittenden, R. C., 2C. C. 23.
 Choate, J. H., 2C. 25 Holyoke.
 Christy, B. H., 1L. Winthrop 12.
 Christy, M. A., 2L. Winthrop 12.*
 Church, E. B., 4C. M. 28.
 CHURCHILL, J. W., *Instr. Dn.*
 Andover.
 Churchill, W. W., 5S. 10 Remington.
 Chute, E. H., 2Dn. Dedham.
 Clap, E. W., 3M. 76 Chandler.*
 Clapp, A. B., 3C. T. 8.
 CLAPP, D. M., *Lectr. Dn.*
 62 Trinity Terrace, Copley Sq.*
 Clapp, F. N., 4C. T. 31.
 Clapp, G. I., 4C. H. 15.
 Clark, A. P., 1L. Brighton.
 Clark, C. A., 5S. C't 43.
 Clark, E., 3C. 9 Linden.
 Clark, E. E., 1L. S. 21.
 Clark, E. F., 2C. Somerville.
 Clark, E. H., 3C. Claverly 50.
 Clark, E. L. C., 1S. 83 Trowbridge.
 Clark, E. P., 1C. 1727 Cambridge.
 Clark, F. H., 1L. 74 Boylston.*

- Clark, F. W., *sL*. C. 51.
 Clark, G. A., *3 V*.
 11 Clark St., Somerville.
 Clark, H. W., *1L*. 65 Hammond.
 Clark, J. C. L., *2C*. 48 Wendell.
 Clark, J. Taggart, *1C*.
 5 Lambert Ave., Roxbury.
 Clark, J. Taylor, *2C*. Read's 28.
 Clark, P. H., *3C*. Claverly 42.
 Clark, T. W., *1S*. 48 Garden.
 Clark, W. E., *4S*.
 City Building, Brattle Sq.
 CLARKE, A. C., *Asst. Recorder*,
 Arlington Heights.
 Clarke, J. G., *sS*. 67 Oxford.
 Clarkson, C. F., *1L*. W. 15.
 Clement, R., *2C*.
 48 Lancaster Terrace, Brookline.
 Cleveland, C. D., *3L*. Winthrop 18.
 Cleveland, H. D., *2C*. 12 Oxford.
 Cleveland, T., *3C*. 12 Oxford.
 Cliff, A. A., *sS*. P. 15.
 Clifford, A. G., *sC*. P. 74.
 Closson, L. M., *2C*. T. 57.
 Clough, F. H., *2M*.
 8 Allston Sq., Allston.
 Clow, F. R., *Instr.* (also *3G*.), T. 7.
 Clymer, W. B., *1G*. 4 Trowbridge.
 Coar, A. H., *1Dv*. 51 Wendell.
 COAR, H. L., *Instr.* (also *3G*.),
 92 Wendell.
 COBB, R., *Asst. Secretary*, U. 5.
 Coburn, H. F., *2M*.
 563 Columbus Ave.*
 Codman, A., *3C*. Read's 82.
 CODMAN, C. R., *Overseer*,
 57 Marlboro'*.
 Codman, J., *3L*. 57 Marlboro'*.
 Codman, R., *1C*. 68 Mt. Auburn.
 Coffin, E. R., *2L*. W. H. 37.
 Coffin, F. B., *4C*. G. 42.
 Coffin, S., *2C*. P. 32.
 Cogswell, E. R., *2C*. 61 Kirkland.
 Colburn, C. R., *4C*. S. 12.
 Cole, G. F., *1G*. 8 Story.
 Coleman, W. S., *3Dn*. 10 Lynde.*
 Colgate, C. H., *1C*.
 92 Glen St., Somerville.
 COLLETTE, A. M., *Asst.* 17 Mellen.
 Collier, G. F., *2G*. 413 Green.
 Colligan, C. E., *1M*. Watertown.
 Collins, E., *1G*.
 985 Adams St., Dorchester.
 Collins, G. L., *3C*. T. 65.
 Collins, T. F., *1Dn*. So. Boston.
 Collins, W. D., *4C*. C. 47.
 Collins, W. E., *2C*. 14 Mellen.
 Collins, W. J., *1M*. 15 Appleton.*
 Colton, H. S., *2C*. P. 81.
 Comfort, W. W., *4C*. W. H. 42.
 Conant, E. B., *4C*. T. 40.
 CONANT, E. L., *Instr.* Claverly 18.
 CONANT, W. M., *Instr. M*.
 252 Newbury.*
 Cone, J. A., *sC*. Carlisle.
 Conger, J. N., *1L*. 42 Kirkland.
 Conklin, M. M., *sS*. 447 Green.
 Connelly, J. E., *4C*. T. 66.
 Connors, H. M., *1L*. 48 Wendell.
 Connor, M. J., *1S*. Trinity 6.
 Converse, H. C., *sC*. 17 Story.
 Cook, B., *3L*. T. 58.
 Cook, G. L., *sS*.
 502 Adams St., Dorchester.
 Cook, H. H., *2G*. T. 50.
 Cook, N. C., *sC*. 564 Mass. Ave.*
 Cook, O. S., *2L*. 467 Broadway.
 Cooke, H. A., *3M*. 21 West Cedar.*
 Cooke, James W., *4C*. W. H. 49.
 Cooke, John W., *1G*. 103 Hammond.
 COOKE, W. P., *Instr. Dn*.
 830 Dartmouth.*
 Cooley, A. S., *3G*. 84 Bigelow.
 Cooley, A. W., *4C*. 60 Mt. Auburn.
 Cooley, F. B., *2C*. C. 66.
 COOLIDGE, A., *Instr. M*. 1 Exeter.*
 COOLIDGE, A. C., *Instr.* Ware 15.
 Coolidge, H. J., *2L*. 52 Brattle.
 Coolidge, J. L., *4C*. 1727 Cambridge.
 COOLIDGE, T. J., *Overseer*,
 Ames Bldg.*
 Coon, W. H., *2M*. Wakefield.
 Coonley, J. S., *4C*. W. H. 57.
 Cooper, F. R., *1C*. 1096 Mass. Ave.
 Cooper, J. T., *1G*. 14 Mellen.
 COPELAND, C. T., *Instr.* G. 24.
 Copeland, E. M., *1C*. 59 Harris.
 Corbett, J., *4C*. 18 Kirkland Pl.
 Corbin, A., *3C*. Beck 2.
 Corbin, L. P., *1S*. 56 Mt. Auburn.
 Corcoran, G. B., *1M*. Charlestown.
 Cordova, J. D. de, *1C*. C't 27.
 Corliss, W. F., *1L*. S. 29.
 Cormier, L. R., *2 V*.
 3 Pleasant St. Ct., Charlestown.
 Cornish, A. H., *4C*. H. 18.
 Cornwell, H. C. deV., *2C*. 11 Mellen.
 Corson, H. C., *4C*. 54 Kirkland.

- Cosby, A. F., 2*L.* H'y 23.
 Costello, J. H., 2*M.* 40 E. Brookline.*
 Cotter, J. A., 3*L.* H. 6.
 Cottle, H. E., 1*C.* 6 Irving Pl.
 Cotton, J. P., 3*C.* T. 68.
 Cotton, W. D., 2*C.* W. H. 44.
 Cottrell, H. J., 1*M.* Harv. Med. Sch.*
 Cottrell, W. N., 2*L.* W. H. 24.
 Coues, F., 1*G.* W. 41.
 Coues, R. W., 4*C.* 24 Holyoke.
 Coulter, A. F., 3*L.* 2 Plymouth St.*
 COUNCILMAN, W. T., *Prof. M.*
 Exeter Chambers, Exeter.*
 Coveney, J. A., 2*C.*
 78 Marshall St., Somerville.
 COWLES, E., *Instr., M.*
 McLean Hospital, Somerville.
 Cox, A., 3*C.* Claverly 89.
 Cox, G. W., 2*G.* 76½ Pleasant.
 Coxeter, J. S., 1*Dn.* Newtonville.
 Cozens, G. F., 3*C.* 29 Holyoke.
 Craig, E. C., 1*L.* 22 Mt. Auburn.
 CRAIGIN, G. A., *Asst. M.*
 405 Marlboro.*
 Cram, E. R., 3*C.* 16 Pleasant Pl.
 Cram, G. W., *Recorder,* W. 7.
 Cram, W. H., 2*C.* P. 56.
 Crandell, A. R., 3*M.* 85 Pembroke.*
 Crandon, L. G., 1*M.* Harv. Med. Sch.*
 Crane, E. R., 3*C.* W. 2.
 Crapo, C. F., 1*C.* P. 48.
 Crawford, F. X., 1*M.*
 661 4th St., So. Boston.
 Crawley, G. W., 1*C.* P. 78.
 Creelman, G. W., 3*C.* H. 22.
 Creesy, E. L., 3*C.* G. 44.
 Cressey, P. H., 4*C.* S. 17.
 Crocker, A. C., 1*G.* 109 Ellery.
 Crocker, E., 3*C.* Quincy 7.
 Crocker, F. L., 1*C.* 14 Kirkland Pl.
 Crocker, J. E., 4*C.* C. 62.
 Crocker, J. R., 1*S.* Ware 12.
 Crocker, P., 1*S.* 25 Holyoke.
 Croll, M. W., 2*G.* G. 86.
 Crompton, G., 4*C.* Claverly 24.
 Cronin, C. H., 1*C.* Hyde Park Ave.*
 Cronin, J. F., 2*C.* Hyde Park Ave.*
 Cronin, M. J., 1*M.* Chelsea.
 Cronon, C., 3*V.* Canton.
 Crooks, C. M., 2*Dv.* D. 5.
 Cromptley, J. H., 1*C.* P. 59.
 Crosby, J. F., 1*L.* Newton.
 Cross, A. L., 4*C.* W. 54.
 Cross, H. D., 2*Dn.* Nashua, N. H.
 Cross, W. P., 3*M.*
 86 Newman St., So. Boston.
 Crossley, F. B., 3*C.* 413 Green.
 CROTHERS, S. M., *Preacher,*
 6 Everett.
 Crowley, J. W., 3*C.* 19 Irving.
 Cummin, J. W., 3*M.* The Berkeley.*
 CUMMINGS, E., *Asst. Prof.* Irving,
 cor. Scott.
 Cummings, F. H., 4*C.* T. 60.
 Cummings, F. R., 1*M.*
 Concord, N. H.
 CUMMINGS, H. I., *Proctor*
 (also 3*L.*), Felton 18.
 CUMMINGS, J., *Instr.* H'y 20.
 Cunniff, M. J. G., 1*C.* 6 Mt. Auburn.
 Cunningham, A. B., 2*C.* P. 26.
 Currie, G. H., 3*L.* 1697 Cambridge.
 Currier, H., 1*Dn.*
 153 Huntington Ave.*
 Currier, W. E., 1*M.*
 80 Toxteth St., Brookline.
 Curry, E. F., 3*M.*
 21 Water St., Winchester.
 Curry, J. J., 3*M.*
 113 Main St., Charlestown.
 Curtis, A. L., 3*C.* 6 Irving Pl.
 Curtis, B. R., 1*C.* C't 20.
 Curtis, E. D., 1*C.* Shepherd 5.
 Curtis, F., 1*C.* Ware 38.
 Curtis, G. C., 3*S.* T. 68.
 Curtis, G. D., 1*G.* H'ke 1.
 Curtis, H. A., 3*C.* Shepherd 17.
 Curtis, P., 4*C.* Claverly 8.
 Cushing, C. B., 2*M.*
 Harv. Med. Sch.*
 Cushing, G. M., 1*L.* 8 Holyoke.
 Cushing, H. W., 4*M.* 89 Charles.*
 Cushman, H. E., 1*G.* D. 24.
 Cushman, R., 2*L.* 14 Trowbridge Pl.
 Cusick, T. F., 3*M.* Harv. Med. Sch.*
 Cutler, C. N., 2*M.* Chelsea.
 CUTLER, E. G., *Instr. M.*
 214 Beacon.*
 CUTLER, W. H., *Janitor,* Mass. Hall.
 Cutler, W. W., 1*L.* W. H. 28.
 Cutter, C. W., 1*C.* Ware 40.
 Cutter, H. F. H., 1*C.* P. 71.
 Cutting, E. W., 1*C.* T. 18.
 Cutting, R. B., 2*C.* Claverly 48.
 Dacy, A. E., 2*L.* H'ke 8.
 Daell, P. A. H. van, 1*C.* 105 Irving.
 Dakin, G. W., 1*S.* Roxbury.

- Digitized by Google

- Dodge, R. G., 1L. W. H. 47.
 Doe, R., 1C. C't 2.
 Dolan, F. T., 1V.
 753 Dudley St., Dorchester.
 DONALD, E. W., *Preacher*,
 233 Clarendon.*
 Donaldson, F. A., 3C. 9 Story.
 Donaldson, W. R., 1C. C't 45.
 Donlan, C. E., 1M. Lowell.
 Donlan, J. M., 2M. Fitchburg.
 Donnelly, H. A., 3M. 26 Bradford.*
 Donoghue, J. C., 2M.
 143 Warren Ave.*
 Donohoe, G., 1M. 9 Rill St.*
 Donovan, J., 3L. 40 Irving.
 Donworth, E. C., 2L. 14 Kirkland Pl.
 Dorgan, J. A., 1M. Lawrence.
 Dorman, A. B., *grM*.
 Harv. Med. Sch.*
 Dorman, H. G., 3C. W. H. 9.
 Dorman, W. E., 1C. C't 7.
 Dorr, G. M. H., 2C. 54 Mt. Auburn.
 Dorsey, C. W., 3C. 22 Leonard Ave.
 Dorsey, E. B., sC. 55 Hammond.
 DORSEY, G. A., *Asst.* P. M.
 Doucette, A. E., 4C. C. 24.
 Dove, P., 1C. Hilton 13.
 Dow, C. S., 2S. H. 2.
 Dow, G. F., 3M. Reading.
 Dow, J. W., 2C. 22 Mt. Auburn.
 Dow, L. H., 2G. 45 Bellevue Ave.
 Dow, R., 3C. Revere.
 Dowd, E. F., 1M. Natick.
 Dowd, F. C., 1M.
 80 Pinckney St., Somerville.
 Dowling, H. McC., 2L.
 20 Trowbridge.
 Downey, W. H., 3M.
 9 Berwick Park.*
 Dows, T., 1L. 60 Brattle.
 Dowty, W. E., 2C. 15 Remington.
 Doyle, W. B., 3L. T. 38.
 Drake, A. K., 1M. Harv. Med. Sch.*
 DRAPER, F. W., *Prof. M*.
 804 Marlboro'.*
 Draper, W. H., 3C.
 19 Harvard St., Somerville.
 Drew, C. D., 2C. W. 46.
 Drohan, J. H., 3M. Brockton.
 Drummond, E. A., 1M.,
 43 Babcock St., Brookline.
 Drury, G. P., 2C. W. 34.
 DUANE, W., *Asst.* (also 2G.),
 28 Ware.
 DuBois, A., 1C. M. 23.
 Duckering, W. W., 1Dn.
 89 Fort Ave., Roxbury.
 Dudley, A. W., 4M. City Hospital.*
 Dudley, C., 2M. Abington.
 Dudley, F. C., 3C. H'y 19.
 Dudley, H., 4C. 24 Avon Hill.
 Dudley, H. S., sS. Beck 7.
 Duff, R., 3C. 26 Holyoke.
 Duffield, F., 3C. 1168 Mass. Ave.
 Duffield, M. S., 2C. 1168 Mass. Ave.
 Duggar, B. M., 2G. 94 Hammond.
 Dumaresq, J., 1C. 78 Mt. Auburn.
 DUNBAR, C. F., *Prof. and Dean of*
Faculty of Arts and Sciences,
 14 Highland.
 Dunbar, F. A., *grM*.
 Harv. Med. Sch.*
 Dunklee, G. W., 2L.
 24 Williams St., Brookline.
 Duniway, C. A., 2G. 54 Langdon.
 DUNLAP, F. L., *Asst.* (also 3G.),
 6 Mason.
 Dunlop, J. W., 2C. 1270 Mass. Ave.
 Dunn, C. H., 3C. W. 45.
 Dunn, F. S., 1G. 79 Oxford.
 Dunn, R. S., 1C. H'ke 43.
 Dunning, H., sC. P. 44.
 DuPont, E., 2C. H'ke 19.
 DURGIN, S. H., *Lect. M*.
 175 Newbury.*
 Durward, A., 4S. 40 Mt. Auburn.
 Dutch, H. W., 3C. D. H. 2.
 Dutton, F. B., 2C. M. 57.
 Dutton, W. P., 3C. 40 Kirkland.
 Dutton, R., 1C. G. 20.
 DWIGHT, T., *Prof. M*. 285 Beacon.*
 Dwinell, E. H., 3C. H. 25.
 Dyer, H. B., 1C. 25 Mt. Pleasant.
 Dyer, H. C., 1L. T. 28.
 Dyer, L. T., 3C. Claverly 25.
 Dyrenforth, A., 3C. C't 24.
 Eakins, O. M., sC. H. 21.
 Earle, S. C., 1G. S. 6.
 Early, L. N., 1G. 80 Wendell.
 EASTMAN, C. R., *Asst.* 35 Trowbridge.
 Easton, N. S., 4S. W. H. 82.
 Eaton, A. M., 2C. 11 Appian Way.
 Eaton, F. W., 1G. S. 2.
 Eaton, H. A., 2Dv. Elmwood Ave.
 EATON, J. E., *Proctor* (also 2L.),
 Hilton 4.
 Eaton, J. J., 3S. 81 Pemberton.
 Eaton, R. G., 3M. Wakefield.

- EDDY, F. G., Instr. Dn.**
 Providence, R.I.
- Eddy, J. W., 4C.** H'y 5.
Eddy, S. F., 4C. Beck 36.
Edes, A. W., 1L. S. 6.
Edes, R. E., 4M.
 Mass. Gen'l Hospital.*
- Edgell, F. V., 2S.** 49 Wendell.
Edgelow, P., 3Dn. 50 Bowdoin.*
Edgett, E. F., 1G. C. 22.
EDMANDS, J. R., Asst. A. O.
 61 Garden.
- Edmunds, G., 4C.** M. 35.
Edmunds, J. W., 1C. M. 8
Edson, J. W., 1C. T. 12
Edwards, E. B., 1C. C't 12.
Edwards, H., 3C. 108 Mt. Vernon.*
Ehrmann, M., 1G. 20 Mellen.
Elder, E. R., 2C. W. 3.
ELDRID, A. W., Instr. Dn.
 Worcester.
- ELIOT, C. W., President,** 17 Quincy.
Elliot, F. S., 4C. Trinity 16.
Elliot, J. S., sS. 42 Kirkland.
Elliot, G. B., 2L. 28 Holyoke.
Elliot, J. W., 2M. 49 Chambers.*
Ellis, D. A., 2L.
 75 Dale St., Roxbury.
- ELLIS, E. C., 2L.** W. H. 27.
Ellis, G. H., sS.
 12 Intervale St., Roxbury.
- Ellis, W. R., 1M.**
 97 Prospect St., Somerville.
- Ellsworth, S. W., 3M.** Braintree.
Elmore, S. D., 2L. 473 Broadway.
Elson, A., 4C. W. 50.
Ely, M., 3C. W. H. 35.
Ely, V. D., 1C. C't 47.
Emerson, E. B., 1M. Everett.
Emerson, H., 3C. T. 63.
Emerson, W., 4C. T. 34.
EMERTON, E., Prof. 19 Chauncy.
Emery, A. B., 1S. 9 DeWolfe.
Emery, G. E., 2M.
 375 Columbus Ave.*
- Emery, J. W., 2Dn.** W. Medford.
Emmet, G. T., 1C. 60 Mt. Auburn.
Emmons, A. B., 1C. Hilton 19.
Emmons, R. W., 4C. Claverly 26.
Emory, D., sC. 7 Linden.
Emory, P. F., 4C. H'ke 5.
Emott, J. T., 4C. Claverly 12.
Endicott, H., 2C. Little's 18.
Endicott, J., B. Canton.
- ENDICOTT, W. C., Fellow,** Salem.
Engleman, W. P., sS. C. 12.
Erb, T. C., 4M. 9 Pelham.*
ERNST, H. C., Asst. Prof. M.
 8 Greenough Ave., Jamaica Plain.
Eskridge, R. S., 3L. T. 37.
Estabrook, H. K., 1G.
 101 Washington Ave.
- Eustis, E. L., 3C.** 1734 Cambridge.
Eveleth, C. M., 3S. 18 Martin.
EVELETH, W. H., Supt. of
 Grounds, 18 Martin.
Everett, A. L., 3L. 108 Marlboro'.*
EVERETT, C. C., Prof. and Dean
 of Div. Faculty, 53 Garden.
Everett, E. E., 1M. Providence, R.I.
Fahnestock, C., 1C. Ware 13.
Failing, W. R., 1S. 14 Howland.
Fair, J. F., 1M. Natick.
Fairbank, W., 4C. Claverly 22.
Fairchild, J. C., 3C. Claverly 51.
Fairlie, J. A., 4C. C. 35.
Fales, D., 2C. P. 30.
Fales, L. A., 1C. 36 Mt. Auburn.
Fallon, W. E., 1Dn.
 37 Winthrop St., Charlestown.
- Fanning, M. B., 4C.** P. 19.
FARLEY, F. E., Asst. (also 2G.),
 G. 36.
- FARLOW, J. W., Instr. M.**
 234 Clarendon.*
- FARLOW, W. G., Prof.** 24 Quincy.
Farnham, O. M., sC.
 Hotel Dunbar, Roxbury.
- FARRAR, C. B., 3C.** 438 Broadway.
Farrar, W., 3C.
 24 Elm St., Dorchester.
- Farrington, E. L., 2Dn.** Lowell.
Farwell, H. C., grDr. 94 Wendell.
Faunce, W. J., 1Dn. Jamaica Plain.
Faxon, B., 3C. 539 Mass. Ave.*
FAXON, C. E., Asst. in Arnold
 Arboretum, Jamaica Plain.
- Fay, A. B., 1G.** H. 5.
Fay, E. P., 3C. H. 19.
Fay, S. B., 3C. H. 5.
Fearing, G. R., 2L. Manter 3.
Fedeler, J. H., 2S. C. 12.
Feiss, H. O., 1C. 3 Sumner.
Fellows, J. N., 2G. 94 Hammond.
Felton, W. E., sS. 44 Brattle.
Fennessy, E. H., 3C. Claverly 39.
Fenno, E. N., 2C. Little's 10.
Fenno, H. B., 1S. Little's 32.

- Fenollosa, M. E., 2C. W. 25.
 Fenollosa, S. K., 4C. W. 25.
 Fenton, D. W., 3C. M. 34.
 Fenton, H. W., 2S. 28 Holyoke.
 Ferguson, E. H., 1M.
 489 Broadway, So. Boston.
 Fernald, A., 2Dn. 6 St. Botolph.*
 Fernald, M. L., sS. 43½ Langdon.
 Ferry, F. C., 1G. 122 Oxford.
 Festerson, J. S., 2G. 42 Mt. Auburn.
 Few, W. P., *Proctor* (also 3G.),
 Read's 24.
 Ffoulke, H. C., 1C. 48 Irving.
 Field, H. A., 1M. Harv. Med. Sch.*
 Field, S. B., sS. 67 Oxford.
 Field, T., 2C. Claverly 49.
 Field, W. E., 2C. W. H. 54.
 Field, W. L. W., sS. Milton.
 FILLEBROWN, T., *Prof. Dn.*
 157 Newbury.*
 Fincke, B. C., sS. Felton 5.
 Fink, B., 1G. 11 Line.
 Fischer, O. E., 1M.
 312 Columbus Ave.*
 FISH, F. P., *Lect. L.* 15 Everett.
 Fish, M. E., 2C.
 14 Chapel St., W. Somerville.
 Fish, W. S., 1S. 379 Harvard.
 Fisher, E. M., 2C. T. 46.
 Fisher, J. T., 3M. Harv. Med. Sch.*
 Fisher, R. T., 1C. P. 46.
 FISHER, T. W., *Lect. M.*
 Lunatic Hospital, So. Boston.
 Fisher, W. P., 1G. 378 Harvard.
 Fisher, W. R., 2C. T. 9.
 Fisher, W. W., 4C. 23 Putnam Ave.
 Fisk, I. L., 2C. 40 Kirkland.
 Fisk, L. B., *Auditor of*
 Dining Assoc. Memorial Hall.
 Fiske, C. H., 2L. W. H. 17.
 Fiske, C. N., 1C. M. 29.
 Fiske, G. S., 3L. 261 Clarendon.*
 Fiske, P. S., 4C. 1572 Mass. Ave.
 Fiske, W. E., 1G. 14 Mellen.
 FITZ, G. W., *Ass. Prof. and Med.*
 Visitor, Claverly 11.
 FITZ, R. H., *Prof. M.* 18 Arlington.*
 Fitzgerald, M., 1L. 40 Irving.
 Fitzgerald, M. E., 1M. 64 W. Cedar.*
 Fitzgerald, T. F., 2C. Felton 36.
 Fitzgerald, T. P., 2M.
 8 Emmons Pl.
 Fitzgerald, T. R., 1Dn. Dorchester.
 Flagg, C. J., 1C. C't 42.
 Flaherty, M. T., 1L. 14 Mellen.
 Flandrau, C. M., 4C. 60 Brattle.
 Fleischer, C., 1G. 38 St. Botolph.*
 Fleischmann, C. L., 2C. W. H. 2.
 Flershem, R. B., 1C. C't 36.
 Fletcher, W. B., 2C. 55 Hammond.
 Flint, C. P., 3M. 45 Westland Ave.*
 Flint, J., 1C. W. H. 22.
 Floyd, R., 4C. 28 Holyoke.
 Flynn, E. J., 4C. H. 8.
 FOLSOM, C. F., *Overseer,*
 15 Marlboro'*.
 Folsom, J. W., 4S. 26 Trowbridge.
 Foote, H. W., 2C. W. H. 18.
 Forbes, A., 2C. Claverly 41.
 Forbes, E. B., 2M. 140 Chandler.*
 Forbes, E. W., 4C. T. 34.
 Forbes, F. M., 3C. 30 Holyoke.
 Forbes, F. S., *grDn.* 55 Kirkland.
 Forbes, H. C., 1G.
 96 Elm Hill Ave., Roxbury.
 Ford, C. W., sC. 40 Mt. Auburn.
 Ford, J. D. M., 1G.
 13 Sherman St., Somerville.
 Ford, M. C., 4C. 20 Holyoke.
 Fordyce, S. W., 1C. W. H. 43.
 Fordyce, W. C., sC. W. H. 43.
 Forman, G. A., 3C. Ware 4.
 Forrest, G. L., 1Dn. Holbrook.
 Forrest, R. F., 1M.
 28 Nichols Ave., Watertown.
 Forsyth, A., 3C. 21 Putnam Ave.
 FORSYTHE, R. J., *Asst.* (also 1G.),
 44 Brattle.
 Fort, E. W., sC. Brewer's 9.
 Fosbroke, H. E. W., 2C. P. 36.
 Foss, G. B., *Lecturer V., and*
 Resident Hospital Surgeon,
 50 Village.*
 Foster, A., 1L. H'ke 48.
 Foster, C. C., sS. 8 Elmwood Ave.
 Foster, H. B., 4C. 1268 Mass. Ave.
 Foster, H. I., 1C. 25 Holyoke.
 Foster, L. K., 1C. Felton 31.
 Foster, S. H., 3L. T. 37.
 Fowler, H. W., 1C. P. 53.
 Fox, E. W., 1C. Ware 30.
 Fox, F. B., 3C. T. 67.
 Fox, F. F., sS. 18 Plympton.
 Fox, J. P., 1Dn. D. 33.
 Fox, R. K., 3C. M. 9.
 Francine, A. P., 1G. C't 38.
 Francis, J. S., 2C. H'ke 13.
 Frank, R. T., 3C. H'ke 6.

- Frazier, H., 4C. Claverly 55.
 Freedman, L. A., 3C. 1727 Cambridge.
 Freeling, S. P., 3C. 38 Winthrop.
 Freeman, G. F., 3M. 60 Elm St., Everett.
 French, C. F., 2C. T. 11.
 French, C. H., 1C. W. 20.
 French, C. S., 4C. 28 Holyoke.
 French, T. T., 4M. W. Roxbury.
 Friedberg, H., 5C. W. H. 14.
 Friedman, H. J., 2C. 42 Kirkland.
 Friedman, L. M., 3L. P. 69.
 Friedman, L. V., 4C. T. 48.
 Frink, L. A., 3L. 17 Dunster.
 Frizell, A. B., 2G. 75 Linden St., Dorchester.
 Frost, H. B., 3M. Belmont.
 Frost, S. T., 1C. P. 6.
 Frothingham, B., 2C. Hilton 11.
 Frothingham, E. V., 3C. M. 19.
 Frothingham, F. E., 3S. T. 89.
 Frothingham, L. A., 2L. 16 Exeter.*
 Fuller, C. S., 3C. 125 Prospect.
 Fuller, E. P., 2V. Lynn.
 Fuller, F. A., 5S. C't 3.
 Fuller, H. H., 3C. Little's 21.
 Fuller, R. W., 2S. G. 14.
 Fuller, S. L., 1C. 31 Holyoke.
 Fuller, W. E., 3L. P. 10.
 Fullerton, E. D., 1C. C. 65.
 Fulton, A. M., 2C. 486 Broadway.
 Fulton, D. M., 1M. 64 Chestnut.*
 Furfey, J. A., 3Dn. Beverly.
 Furlong, P. R., 1Dn. 478 Columbus Ave.*
 Furman, S. S., 3C. 1208 Mass. Ave.
 Furness, J. T., 1C. M. 1.
 Fyffe, J., 2C. W. Newton.
 Gade, J. A., 3S. 5 Berkeley.
 Gage, F. B., 2V. Mt. Pleasant.*
 Gale, H. A., 1C. P. 31.
 Gallagher, O. C., 3C. S. 13.
 Gallagher, T. M., 1M. Wellesley.
 Gallagher, W. H., 3M. 213 E. Eagle St., E. Boston.
 Gallert, D. J., 1L. P. 61.
 Gallison, J. C., grM. 192 Dartmouth.*
 GALLIVAN, F. B., Asst. (also 2G.), 113 Third St., So. Boston.
 Galloupe, B. F., grM. Hyde Park.
 Galloupe, J. A., 2M. Beverly.
 Galpin, C. J., 1G. Arnold Circle.
 Gannett, T. B., 2C. Little's 9.
 GANNETT, W. W., Instr. M. 274 Marlboro'.*
 Garcelon, W. F., 3L. P. 8.
 GARDINER, J. H., Instr. G. 18.
 Gardner, B., 2C. 25 Holyoke.
 Gardner, P., 1C. 80 Wallace.
 Gardner, R. R., 4C. T. 61.
 Gardner, W. M., 1C. W. 27.
 Garfield, I. M., 2L. Winthrop 26.
 GARFIELD, L. D., Supt. of Build- ings, 87 Irving.
 Garfield, R. M., 1Dn. Worcester.
 Garland, F. E., 5C. 96 Prescott.
 Garland, F. P., 1C. 26 Tyler St., Somerville.
 Garrison, W. L., 2C. 25 Holyoke.
 Garst, W. A., 4C. 65 Hammond.
 Gately, J. P., 5C. Quincy 12.
 Gates, E., 1L. 94 Prescott.
 GATES, L. E., Instr. M. 40.
 Gatling, B. M., 3L. 37½ Langdon.
 Gaulin, A., 2L. Brewer's.
 Gause, J. R., 5S. G. 46.
 Gavin, G. B., 2C. H'ke 87.
 Gavin, J. L., 1M. 831 Broadway, So. Boston.
 Gaw, C., 1C. F. 2.
 Gay, E. L., 2C. Shepherd 6.
 Gay, F. P., 2C. W. H. 20.
 Gay, F. W., 1C. P. 78.
 GAY, G. W., Instr. M. 665 Boylston.*
 Gay, H. N., 1G. Winthrop 9.
 Gaylord, W. A., 1M. 212 W. Canton.*
 Gebauer, G. R., 3Dv. 81 Wendell.
 Gehring, H. A., 1G. 40 Kirkland.
 Geib, F. J., 4C. C. 34.
 Gentner, P. J., 5C. C. 1.
 Gentry, W. H. H., 3L. 19 Irving.
 Gerald, A. K., 2L. 19 Trowbridge.
 Germain, H. H., 1M. 94 Appleton.*
 Gerould, J. H., 3G. 76 Oxford.
 GERRISH, W. P., Asst. A. O. 2 Hartwell St., Roxbury.
 Gerry, E. P., gr. M. Harv. Med. Sch.*
 Gibbons, S., 1M. Jamaica Plain.
 Gibbs, D., 1S. 49 Wendell.
 Gibbs, J. M., 1C. Waltham.
 Gibbs, L. E., 3S. 45 Norfolk.
 GIBBS, W., Prof. Em. Newport, R. I.
 Gibby, H. E., 1S. 1132 Mass. Ave.
 Gibson, B., 5C. Brewer's 9.

- Gierarch, P. F. J., 1C.
11 Appian Way.
- Gifford, A. P., 1C. H'ke 23.
- Gifford, L. O., 1C. 37 Putnam Ave.
- Gilbert, G. W., 2Dn. Andover.
- Gilbert, L. W., 2M. H'ke 50.
- Gilchrist, C. R., 3M. 27 W. Newton.*
- Gile, W. W., 2S. 1691 Cambridge.
- Giles, G. A., 1C. 438 Green.
- Gilkey, F. S., 3C.
9 Irving St., Watertown.
- Gill, P. S., 1S. 8 Summer.
- GILLETT, H. W., *Instr. Dn.*
Newport, R. I.
- Gillett, M. H., sC. 96 Prescott.
- Gilman, F. L., 4C. T. 20.
- Gilman, H. S., 2Dn. 17 Pinckney.*
- Gilman, R., 4C. 32 Hawthorn.
- Gilman, W. L. F., 4C.
45 Saunders St., Allston.
- Gillespie, L. L., 1C. Hilton 6.
- Gillespie, L. P., 1G. 371 Harvard.
- Gilpin, O. W., 2C. P. 25.
- Gilsey, H., 4C. Claverly 6.
- Ginn, M. E., 2C. M. 26.
- Gleason, B. W., 1M.
Powell St., Brookline.
- Gleason, C. B., 1L. W. Medford.
- Gleason, G., 2C. S. 25.
- Glover, J. W., 3G. 94 Hammond.
- Glycerio, C., sS. 1180 Mass. Ave.
- Gochenour, J. S., 2S. C. 69.
- Goddard, C. F., 3C. Hilton 26.
- Goddard, W. D., 1L. 40 Mt. Auburn.
- Godfrey, H. F., 2C. Beck 5.
- Goldstein, M. M., 1L.
1734 Cambridge.
- Gonterman, M. G., 4C. 40 Kirkland.
- GOODALE, G. L., *Prof. and Director*
of Bot. Gar. 10 Craigie.
- Goodrich, A. L., 2G. Salem.
- Goodrich, C. C., 3S. 1 Hubbard Pk.
- Goodrich, D. M., 1C. Claverly 37.
- Goodrich, R. S., sC. 1699 Cambridge.
- Goodridge, F. G., 2C.
18 Appian Way.
- Goodridge, F. J., 1C. 1705 Mass. Ave.
- Goodwin, C. N., 1L. 381 Harvard.
- Goodwin, E. H., 4C. M. 50.
- Goodwin, J. W., 4C. 89 Hammond.
- Goodwin, W. W., *Prof.* 5 Follen.
- Gordon, C. S., 1Dn.
231 W. Newton.*
- Gordon, J., 3L. 65 Hammond.
- Gordinier, C. H., sC. 4 Arrow.
- Gordon, F., sC. T. 53.
- Goreth, F. W., 1L. C. 60.
- Gould, A. H., 3C. W. 28.
- Gould, C. F., 1C. C't 16.
- Goulding, T. F., 2M.
220 Summer St., Somerville.
- Graham, A. M., 3C.
2 Mason Ave., W. Somerville.
- Gram, J. P., 1L. 1134 Mass. Ave.
- Grandin, J. L., sC. Ware 5.
- Grant, W. H., 2M. 55 Warren Ave.*
- Grant, W. M., 2C. Arlington H'ts.
- Gratwick, F. C., 2C. Beck 4.
- Gray, A. C., 1L. 1697 Cambridge.
- Gray, C. D., 2C.
27 Winter St., W. Somerville.
- Gray, G., 2S. Ware 55.
- Gray, G. A., 1L. T. 31.
- Gray, H. G., 2C. W. H. 29.
- GRAY, J. C., *Prof. L.* 176 Beacon.*
- Gray, J. C., 2C. W. H. 29.
- Gray, R., 4C. Manter 6.
- Gray, W. C., 3C. C. 6.
- Gray, W. H., 1C. T. 16.
- Graydon, J. S., 1C. C't 29.
- Greany, D. F., 2C. Quincy.
- GREEN, C. M., *Asst. Prof. M.*
78 Marlboro'.*
- Green, E. H., 4C. 54 Garfield.
- Green, F. H., sC. 19 Rutland.
- GREEN, J. O., *Prof. M.*
182 Marlboro'.*
- Green, M., 3C. W. 45.
- GREEN, S. A., *Overseer,*
30 Tremont.*
- Greenberg, M. E., 4C. Felton 24.
- Greene, D. C., 4C. H'ke 9.
- GREENE, E. M., *Asst. M.*
49 Hancock.*
- Greene, E. M., 2C. G. 21.
- Greene, J. D., 3C. H. 18.
- Greene, R. T., 3C. 30 Lee.
- Greene, S. E., 3C. D. H. 2.
- Greenfield, A. D., 1L. T. 4.
- Greenhalge, F. B., 1C. P. 38.
- GREENMAN, J. M., *Asst.* C't 18.
- Greenman, L. M., 1Dn. D. 19.
- Greenough, C. N., 1C. T. 25.
- GREENOUGH, F. B., *Instr. M.*
10 Charles.*
- GREENOUGH, J. B., *Prof.*
9 Riedesel Ave.
- Greenough, M. S., 1C. Ware 28.

- Greenough, R. B., 3*M.*
9 Riedesel Ave.
- Greenough, W., 3*C.* Read's 2.
- Greenwood, G. T., 1*Dn.* 4 Bradford*.
- Gregg, C. F., 3*C.* 18 Mellen.
- Gregg, J. E., 2*C.* M. 25.
- Gregg, R. E., 1*G.* 19 Ware.
- Gregg, W. W., 2*L.* 58 Hammond.
- Gregory, E. M., 2*C.* S. 10.
- Grew, H. S., 3*C.* Claverly 52.
- Grew, R. C., 4*C.* Beck 31.
- Griffin, C. H., 1*M.* Providence, R. I.
- Griffin, C. S., 4*C.* 17 Mellen.
- Griffin, F. W., 2*C.* 25 Holyoke.
- Griffin, W. A., 2*C.* S. 25.
- Griffith, E. E., 1*G.* 81½ Mellen.
- Grilk, C., 1*C.* T. 40.
- Grimes, J. H., 1*M.* 14 Concord Sq.*
- Grinnell, F. W., 4*C.* H'ke 30.
- GRISWOLD, L. S., *Instr.*
238 Boston St., Dorchester.
- Gross, C., *Asst. Prof.*
11 Putnam Ave.
- Grossman, E. M., 3*C.* M. 27.
- Grover, F. O., 1*G.* 90 Hammond.
- Gruwell, R. L., 2*L.* 47 Wallace.
- Guillow, L. E., 1*C.* F. 6.
- Guiler, R. W., 2*M.*
942 Broadway, So. Boston.
- Gulick, J. G., 1*C.* 25 Holyoke.
- Gulick, P. J., 2*C.* D. 8.
- Gulliver, F. P., 3*G.* 1686 Cambridge.
- Gunnison, W. T., 3*L.* 22 Mt. Auburn.
- Gunther, E. C., 3*M.* 4 Chestnut.*
- Gurney, M. K., 1*C.* 16 Oxford.
- Hack, H. W., 1*C.* G. 6.
- Hackett, H. S., 2*C.* 1332 Mass. Ave.
- Haga, A. O., *sC.*
263 Beacon St., Somerville.
- Hager, L., 3*C.* 28 Holyoke.
- Hagerman, G. F., 2*C.* Brewer's 2.
- Hagerman, L. W., 3*C.* Shepherd 11.
- Hagopian, S. M., *grM.*
Harv. Med. Sch.*
- Hahlo, A. H., 2*C.* W. H. 2.
- Hahn, A., 2*Dv.* Newton.
- Haight, C. S., 3*L.* Winthrop 19.
- Haines, I., 2*M.* 12 Ash.
- Hale, A. L., *sC.* 123 Oxford.
- HALE, E., *Asst. Dv.* E. Orange, N. J.
- Hale, F., 3*C.* 1208 Mass. Ave.
- Hale, R., 1*S.* 12 Howland.
- Hale, R. W., 3*L.* Wadsworth 11.
- Haley, F., 1*L.* W. 14.
- Hall, A., 2*Dv.* D. H. 5.
- Hall, A. W., 3*C.* Felton 18.
- HALL, E. H., *Asst. Prof.* 37 Gorham.
- Hall, E. K., 2*L.* 22 Mt. Auburn.
- Hall, F. Y., 1*C.* T. 52.
- Hall, G., 3*L.* 1611 Mass. Ave.
- Hall, G. W., 1*C.* W. H. 54.
- Hall, J. F., *sC.* 26 Trowbridge.
- Hall, J. P., 1*L.* 10 Mellen.
- Hall, L. B., 1*G.* 61 Gorham.
- HALL, T., *Asst.* Little's 18.
- Halle, A. J., 1*C.* 3 Sumner.
- Halle, E. S., 2*C.* 1750 Cambridge.
- Halloran, J. A., 1*L.* 341 Columbia.
- Halloran, T. J., 1*M.* Lowell.
- Hallowell, N. P., 2*C.* 25 Holyoke.
- Hallowell, R. H., 3*C.* Claverly 29.
- Ham, L., 1*L.* 13 Trowbridge Pl.
- Ham, R. J., 4*C.* F. 5.
- Hamaker, J. L., 1*G.* 14 Shepard.
- Hamblet, C. A., 2*V.* 275 Warren.*
- Hamilton, G. H., 3*C.*
1750 Cambridge.
- Hamilton, G. L., 4*C.*
21 Wabon St., Roxbury.
- Hamilton, W., 1*M.*
14 Carlton St., Holyoke.
- Hamlen, P. M., 3*C.* Claverly 45.
- Hanavan, G. B., 1*L.* 1734 Cambridge.
- Hancock, A. D., 1*G.* 12 Kirkland Pl.
- Hancock, J. C., 1*M.* 7 Follen.*
- Hancock, W. J., 4*S.* 47 Williams.
- Hand, B. L., 2*L.* 52 Brattle.
- Handy, H. T., 2*M.*
52 Worcester St.*
- Hanford, C. W., *sC.* Claverly 4.
- Hann, A. R., 3*C.* 54 Hammond.
- Hanna, A. S., *sS.* Somerville.
- Hannum, H. O., 2*Dv.* D. 7.
- Hanson, F. L., 1*C.* 19 Hilliard.
- Hanson, J. C., 4*C.* H. 2.
- HANUS, P. H., *Asst. Prof.* 5 Walker.
- Hapgood, L. S., 2*C.* T. 11.
- Hardenbrook, F. L., 1*C.* S. 24.
- Harding, E., 4*C.* 60 Brattle.
- Harding, F. H., 1*V.* Portland, Me.
- Harding, H. A., 3*C.* C't 13.
- Harding, S. B., 2*G.* 15 Sumner.
- Hardon, K. W., 1*S.* 1178 Mass. Ave.
- Hardwick, C. H., 1*C.* 57 Brattle.
- Hardy, H. W., 2*Dn.* 15 Bowdoin.*
- Hardy, T. E., 1*M.* Harv. Med. Sch.*
- Harper, E. H., 1*G.* 67 Mt. Auburn.
- Harper, F., 1*C.* Ware 13.

- Harriman, C. C., 2C. D. 38.
 Harriman, F. W., 4M. Framingham.
 Harrington, A., 2C.
 37 Monument Ave., Charlestown.
 HARRINGTON, C., *Instr. M.*
 57 Orchard St., Jamaica Plain.
 Harrington, W. L., 1C. P. 67.
 Harris, A. T., 2C. Little's 31.
 Harris, J. R., 3S. 9 Linden.
 Harris, S. J., 2M. 24 Dartmouth.*
 HARRIS, W. F., *Asst.* (also 4C.),
 96 Brattle.
 Harrison, J., 3S. Read's 12.
 Harrison, R. W., 4C. 25 Holyoke.
 HART, A. B., *Asst. Prof.*
 15 Appian Way.
 Hart, E. K., sC. 94 Prescott.
 HART, J. G., *Asst.* Little's 18.
 Hart, J. S., 1M. So. Lincoln.
 Hart, J. T., 3C. 415 Broadway.
 Hart, M. J., 3M. Harv. Med. Sch.*
 Hart, R. H., 2C. F. 3.
 Hartnett, E. D., 1M.
 24 London St., E. Boston.
 Hartsnorn, S. H., 1C. C't 48.
 Hartwell, H. F., 1M. H'ke 36.
 Hartzell, W. T., 4C. W. H. 49.
 Harvey, W. W., 1M.
 3 Holden Pl., Dorchester.
 Harwood, J. H., 2L. W. H. 37.
 Haskell, G. B., 1C. M. 46.
 Hastings G. B., 2C.
 Brookline Ave.*
 Hastings, J. M., 4M. 24 Yarmouth.*
 Hastings, T. M., 1S. Little's 6.
 Hatch, A. E., sS. Lowell.
 Hatch, E. S., sS. P. 15.
 Hatch, F. L., sL. Winthrop 30.
 Hatch, W. H. P., 1C. 1124 Mass. Ave.
 Hatfield, H. K., 1M. 125 Marlboro.*
 Hathaway, G. A., 2C. H'ke 32.
 Hathorn, R. L., 1L. 8 Sumner.
 Hauck, W., 3S. Watertown Arsenal.
 HAVEN, G., *Asst.*, M. 1 Exeter.*
 Hawkes, C. E., 1C. C't 9.
 Hawkins, D. P., 1S. C't 39.
 Hawkins, J. F., 3M. 22 Yarmouth.*
 Hawes, L. S., 2V. Natick.
 Hay, L., 1L. Winthrop 11.
 Hayden, J. P. 2C. 22 Prescott.
 Hayden, W. S., 1G. 2 Hudson.
 Hayes, A. E., 1M. 113 Pembroke.*
 Hayes, B. H., 1C. H'y 2.
 HAYES, J. J., *Instr.* 5 Story.
 Hayes, J. J., 2C. H'y 2.
 HAYLEY, H. W., *Tutor*, 26 Mellen.
 Haynes, H. M., 2Dn.
 241 Columbus Ave.*
 Hays, D. S., 2V. Waltham.
 Hayter, S. R., 2C. G. 51.
 Hayward, J. B., 2C. P. 72.
 Hayward, N., 4C. Claverly 26.
 Hazard, P. R., 3C. G. 7.
 Hazlett, S., sC. 1134 Mass. Ave.
 Healy, D. L., 1M. W. Newton.
 Healy, J. R., 2C. Roxbury.
 Healy, W., sC. 1593 Mass. Ave.
 Heath, C. W., B. Jamaica Plain.
 Hebard, A. P., 2L. Ware 14.
 Hecht, S. E., 1C. Ware 34.
 Heckscher, S., 3C. Claverly 42.
 Heilig, F., 2C. M. 55.
 Heizer, F. A., 4C. Wayland.
 Helms, E. J., *gr Do.* 34 Hull.*
 HEMENWAY, A., *Overseer*,
 10 Tremont.*
 Henderson, L. J., 1C. H'ke 40.
 Hendrick, F., 1C. G. 8.
 Hennen, W. D., 1C. 17 Story.
 Hennessey, J. J., 2L. D. H. A.
 Henry, E. E., 1Dn. Wellesley Hills.
 Henry, G. S., 4S. M. 4.
 Herald, E. B., 1L. 26 Garden.
 Herman, L. H. P., 1S. 88 Winthrop.
 Hershheim, C., sC. 467 Broadway.
 Hero, J. E., 2S. G. 14.
 Herrick, L. E., 2C. Hotel Westland.*
 Herschel, W. H., 3C. T. 9.
 HERSEY, E., *Supt. of Bussey*
Farm, Roslindale.
 Hervey, A. M., 2C. Ware 44.
 Hervey, E. P., 1L. Ware 22.
 Hess, A. F., 2C. W. H. 38.
 Hews, J. T., 2S. 11 Mason.
 Hewins, J., 3C. T. 14.
 Heydrick, B. A., 4C. 32 Putnam Ave.
 Heyman, L. P., 1G. 14 Pleasant.
 Hibbard, C. L., sL.
 14 Greenough Ave.
 Hibbard, C. M., 4M.
 McLean Hospital, Somerville.
 Hickey, J. A., 3M.
 144 Saratoga St., E. Boston.
 Hickey, J. H., 2L. G. 37.
 Hickox, C. R., 2L. 8 Mason.
 Hicks, R. B. C., 2C. 65 Hammond.
 Higginson, A. H., 1C. W. H. 48.
 HIGGINSON, H. L., *Fellow*, 44 State.*

- Highlands, A. A., 4C.** 1256 Mass. Ave.
Hildreth, A. H., 3C. 14 Garden.
Hildreth, H. T., 3G. 10 Remington.
Hildreth, L. T., 3C. M. 37.
Hiler, E. O., 2L. T. 26.
HILL, A. S., Prof. Sev. 3.
Hill, D. M., 1C. 25 Holyoke.
Hill, E. L., sC. Little's 81.
Hill, F. B., 4C. 366 Harvard.
Hill, H., sS. The Cluny.*
Hill, H. H., 2C. M. 25.
Hill, H. N., 2V. Hyde Park.
Hill, J. A., 4G. 881 Harvard.
HILL, L. D., Asst. (also 1G.), 366 Harvard.
HILL, H. B., Prof. and Director 17 Hammond.
of Chem. Lab. Beck 43.
Hills, G. E., 2C. Beck 43.
HILLS, W. B., Assoc. Prof. M. 27 Everett.
Hillyer, V. M., 2C. P. 87.
Hinckey, R., 1M. Lexington.
Hinckley, D. R., 3M. 812 Columbus Ave.*
Hinckley, F. C., 2C. C't 26.
Hinckley, H. B., 3G. 54 Garden.
Hinkley, S., sC. W. 14.
Hinds, S. S., sS. 81 Holyoke.
Hinman, G. W., 1C. C. 10.
Hisa, M., 4C. 9 Story.
Hitch, J. C. D., 4C. M. 43.
Hitchcock, F. L., 3C. 9 Story.
Hitchcock, W. A., 3M. 3M.
Asylum Station.
Hite, L. F., 2G. 1 Avon Pl.
Hitz, W. H., sC. W. 10.
Hixon, E. C., 3M. 567 Mass. Ave.*
Hoague, T., 1C. Ware 47.
HOAR, S., Fellow and Overseer, Concord.
Hobart, W. S., 2C. 68 Mt. Auburn.
Hobbs, C. W., 2C. C. 3.
Hobson, A. L., 4C. W. II. 50.
Hobson, W. S., 3S. M. 45.
Hodge, F. R., 4C. C. 38.
Hodge, W. F., 4C. C. 38.
Hodges, A. W., 2S. Newton Centre.
Hodgman, A. W., 3G. 90 Brattle.
Hoffman, J. E., 3C. 5 Linden.
Hogan, J. A., 2M. 111 Warren Ave.*
Hogg, G., 4C. M. 36.
Hoitt, A. W., 2C. Arlington.
Holbrook, B., 4C. T. 23.
Holbrook, J. S., 3C. Beck 24.
Holden, W. M., 1C. Malden.
Holland, A., 3S. H'ke 25.
Holland, H. T., 3M. Jamaica Plain.
HOLLIS, I. N., Prof. 7 Lowell.
Hollis, J. H., sC. P. 24.
Hollis, S. H., 1C. P. 24.
Hollister, E., 2C. Little's 22.
Hollister, R. R., 2C. C. 42.
Hollister, S., 2C. Little's 8.
Holmes, A. B., 2C. H'y 4.
Holmes, C. N., 3C. 891 Mass. Ave.
Holmes, E. J., 4C. Claverly 17.
HOLMES, E. P., Instr. Dn. Stoughton.
Holmes, G. M. R., 1C. 229 Marlboro'.*
Holmes, H. F., 1S. 38 Winthrop.
Holmes, H. H., sS. Ware 49.
Holmes, W. B., 3C. 39 William.
Holt, E. B., 3C. Ware 11.
Holt, E. G., sS. W. 21.
Holt, F. H., 1M. City Hospital.*
Holt, H. J., 1C. Ware 11.
Holt, R. W., 1S. 154 Shepard.
Holt, W. A., sC. P. 13.
Holtzclaw, J. T., 1L. 67 Oxford.
Holway, A. H., 1C. D. 21.
Homan, J. M., 2M. Roslindale.
HOMANS, J., Instr. M. 164 Beacon.*
Homans, R., 1L. 30 Holyoke.
Homer, S. J., 1L. H'ke 20.
Hood, R. P., 2S. Powell St., Longwood.
HOOPER, E. W., Treasurer, Fayerweather.
Hooper, H. T., 1C. C't 9.
Hooper, S. R., 4C. H. 15.
HOPKINS, F. S., Instr. Dn. 161 Newbury.*
Hopkins, S. U., 2S. 11 Mellen.
Hopkins, W. S. B., 1L. 12 Kirkland Pl.
Hoppe, H. G., 1V. 500 Sweet.*
Hoppin, F. S., 3C. W. 5.
Horne, C. A., 2G. Lawrence 5.
Horne, H. W., 3S. Belmont.
Horne, I. W., 2G. Braintree.
HORNE, P. L., Asst. (also 2G.), 18 Ellery.
Horne, R. G., 3Dn. Watertown.
Horner, T. M., 1M. St. Botolph Hall.*
Horton, K., 1C. Hilton 39.

- Horton, W. G., 2*G*.
 Hotel Vendome.*
 Hoaking, A. N., *sC*. 1750 Cambridge.
 Hosmer, H. J., 1*C*. C't 1.
 Hosmer, L. H., 1*C*. Shepherd 18.
 Hosmer, R. S., *sS*. (also *B.*),
 361 Neponset Ave., Dorchester.
 Houghton, F. R., 1*M*. Fitchburg.
 Hovey, C. H., 2*C*. Trinity 6.
 How, L., 4*C*. W. 40.
 HOWARD, A. A., *Asst. Prof.*
 8 Hilliard.
 Howard, A. H., 1*C*. C. 65.
 Howard, A. S., 2*C*. P. 20.
 Howard, B. B., 3*C*. H'y 8.
 Howard, C. T., 4*C*. C. 18.
 Howard, E. H., 1*M*.
 Harv. Med. Sch.*
 HOWARD, L. H., *Lect. V*.
 67 W. Newton.*
 Howard, N. W., 3*L*. 65 Hammond.
 Howard, W. D. M., 1*S*. Hilton 32.
 Howe, G. A., 3*C*. H'y 19.
 Howe, H. A., 4*S*. Felton 8.
 Howe, H. W., 2*C*. Hilton 40.
 Howe, W. C., 1*M*. Dedham.
 Howe, W. D., 1*G*. 10 Mellen.
 Howe, W. DeL., 2*L*.
 14 Concord Ave.
 Howe, W. W., 1*G*. Roxbury.
 Howell, A. V. B., 1*S*. 14 Howland.
 Howell, J. A., 2*C*. C. 49.
 Howell, W. W., 3*C*. Jamaica Plain.
 Howes, E. A., 2*L*. S. 18.
 Howes, E. P., 1*M*. 103 Appleton.*
 Howes, G. E., 4*G*. 86 Ellery.
 Howland, A. H., 3*C*. 10 Channing Pl.
 Howland, G. W., 1*C*. 421 Broadway.
 Howland, H. K., 1*C*. Hilton 36.
 Howland, J. B., 3*M*.
 Harv. Med. Sch.*
 Hoyt, W. W., 1*C*. 10 Hilliard.
 Hubbard, F. T., 1*C*. Hilton 24.
 Hubbard, H. V., 2*C*. H'ke 32.
 Hubbard, J. C., 3*M*. 97 Falmouth.*
 Hubbard, J. E., 1*C*. 1200 Mass. Ave.
 Hubbard, N. C., 3*L*. 89 Irving.
 Hubbard, P. M., 1*C*. Ware 40.
 Hubbell, J. D., 1*L*. 1208 Mass. Ave.
 Hudnut, P. A., 1*M*. Needham.
 Hudson, A. L., 2*Dv*. D. 23.
 Hudson, A. S., 1*M*. Newton.
 Hughes, H. R., *sC*. Wadsworth 5.
 Hughes, J. T., 2*L*. Brighton.
 Hughes, T. B., 4*C*.
 1 Parkman St., Brighton.
 Huidekoper, A. R., *sC*. Read's 14.
 Huidekoper, E. C., *sS*. Claverly 15.
 Huidekoper, F. L., 3*C*. Shepherd 18.
 Huidekoper, R. S., 1*C*. Ware 21.
 Huiskamp, J. E., 1*C*. W. 21.
 Huling, R. G., 2*G*. 101 Trowbridge.
 Humphreys, J. S., 2*G*. S. 4.
 Hunt, D., 2*C*. Trinity 9.
 Hunt, G. P., 2*C*. Shepherd 8.
 Hunt, J. C., 3*C*. M. 9.
 Hunt, L. J., 3*L*. 2 Scott.
 Hunt, R. H., 2*C*. P. 41.
 Hunt, R. S., 1*Dn*.
 366 Columbus Ave.*
 Hunter, H. C., 1*C*. 7 Sumner.
 Hunter, R. W., 2*L*. 11 Appian Way.
 Huntington, A. T., 1*M*. Chelsea.
 Huntington, E. V., 4*C*.
 1683 Cambridge.
 Huntington, H. B., 2*C*.
 7 Waterhouse.
 Huntsman, O. B., 2*C*. H. 32.
 Hurd, R. C., 2*M*. Newburyport.
 HURLBUT, B. S., *Instr.* H. 7.
 Hurley, C. A., 1*S*. 7 Linden.
 Hurley, E. M., 2*S*. 7 Linden.
 Hurt, H. H., 1*L*. P. 33.
 Hussey, A. R., 3*Dv*. F. 8.
 Hutchins, A., 4*C*. W. H. 46.
 Hutchinson, E., 4*C*. C't 26.
 Hutchinson, H., 1*L*. P. 80.
 Hutchinson, J. S., *sC*. 62 Trowbridge.
 Hutchinson, J. W., *sC*. Beck 35.
 Hutchinson, P. A., *sS*. T. 33.
 Hutton, W. E., 4*C*. S. 16.
 Hyde, A. S., 3*C*. 44 Brattle.
 Hyde, B. D., 1*L*.
 380 Commonwealth Ave.*
 Hyde, F. E., 2*C*. 1750 Cambridge.
 Hyde, F. T., 1*M*. Waltham.
 Hyde, J. H., 1*C*. Claverly 9.
 Hylan, J. P., *sC*. S. 18.
 Ikeda, S., 4*C*. 52 Oxford.
 Ingalls, A. S., 3*C*. Beck 42.
 Ingalls, M. E., 3*L*. Beck 42.
 Ingersoll, C. E., 1*L*. 7 Bow.
 Ingle, J., 1*L*. 47 Wallace.
 Ingoldsby, J. E., 2*M*.
 245 Shawmut Ave.*
 Ingraham, A., 3*C*. T. 17.
 Ingraham, P., *sS*. Claverly 31.
 Irvin, E. T., 1*S*. 9 Bow.

- Irving, A. D., 4C. Claverly 13.
 Irving, H. D., 1C. Claverly 13.
 Iselin, J. H., 3C. Beck 6.
 ITTNER, M. H., *Asst.* (also 1G.), 92 Wendell.
 Jackson, A. L., 4C. 27 Holyoke.
 Jackson, C., 1C. 28 Holyoke.
 JACKSON, C. L., *Prof.* H'y 11.
 Jackson, C. N., 1C. P. 54.
 Jackson, H. B., 2C. C't 1.
 Jackson, M. M., 3C. Ware 36.
 Jackson, R. P., 1S. 8 Prescott.
 JACKSON, R. T., *Instr.* 83 Gloucester.*
 Jackson, W. H., 1C. Ware 33.
 Jacob, B., 2C. 1208 Mass. Ave.
 Jacobson, P. F., 3S. 53 Ellery.
 JAGEMANN, H. C. G. von, 29 Shepard.
Asst. Prof.
 Jakeman, W. W., 3 V. 549 Albany.*
 James, E., 4C. Beck 23.
 James, E. H., 3C. H'y 21.
 JAMES, W., *Prof.* 95 Irving.
 Jameson, H. W., 4C. G. 41.
 Jenkins, B. A., 3Dv. 46 Langdon.
 Jenkins, G. R., 2L. 40 Kirkland.
 Jenkins, L. W., 2C. Little's 21.
 Jenkins, T., 2C. Melrose.
 Jenks, R. D., 2C. H'ke 20.
 Jenney, C., 2C. H. 9.
 Jenney, L. W., 1L. Irving Pl.
 Jennings, A. T., 1S. 69 Oxford.
 JENNINGS, H. S., *Asst.* (also 1G.), 11 Francis Ave.
 Jennings, R. W., 2C. H'ke 20.
 Jerris, F. L., 3L. 13 Sumner.
 Jewell, E. C., 3C. 60 Wendell.
 Jewell, W. O., 1C. 60 Wendell.
 JEWETT, F. B., *Asst.* Mallen.
 JOHNSON, A. C., 4C. S. 17.
 JOHNSON, A. N., *Asst.* D. 27.
 JOHNSON, C. E., 2S. 26 Lee.
 Johnson, D. J., 2M. 854 Walnut Ave., Roxbury.
 Johnson, E. St. J., 1C. P. 62.
 JOHNSON, G. D., 4M. Harv. Med. Sch.*
 Johnson, H. S., 3C. 36 Russell.
 JOHNSON, L. J., *Instr.* 100 Avon Hill.
 Johnson, R. H., 4C. M. 43.
 Johnson, Ralph M., 4C. 60 Mt. Auburn.
 Johnson, Reginald M., 1C. Hilton 8.
 Johnson, S. E., 4C. G. 26.
 Johnson, T. J., 2C. Hilton 10.
 Johnson, W. A., 1C. 421 Broadway.
 Johnson, W. L., sC. 41 G St., So. Boston.
 Johnson, W. S., 1M. 45 Mt. Vernon.*
 Johnston, F. W., 2C. Felton 23.
 Johnston, H., 4C. 35 Inman.
 Johnston, W. B., 2C. 28 Holyoke.
 Johnstone, H. R., 3L. 96 Prescott.
 Jones, A. M., 2C. Hilton 87.
 JONES, C. P., *Asst. M.* 43 Falmouth.*
 Jones, D. F., 3M. Harv. Med. Sch.*
 Jones, E. L., 1C. W. H. 12.
 Jones, E. N., 3C. M. 53.
 Jones, F. C., 4C. T. 10.
 Jones, F. E., 2M. Quincy.
 Jones, F. M., 3C. 27 Porter St., Somerville.
 JONES, H. L., *Asst.* (also 3G.), C. 5.
 Jones, J. C., *grM.* Hotel Verona, Brookline.
 Jones, John H., 3C. C. 21.
 Jones, Joseph H., 1Dv. D. H. 1.
 Jones, M. B., 1L. 22 Mt. Auburn.
 Jones, S., 2Dv. D. 39.
 Jordan, F., 1C. Ware 39.
 JORDAN, J. O., *Asst. M.* 994 Washington.*
 Joseph, E., 2C. 1691 Cambridge.
 Joslyn, M. L., 1L. H'ke 3.
 Jouett, F. R., 3C. S. 9.
 Joyce, M. V., 2L. 1132 Mass. Ave.
 Julbe, J. J., 2C. 9 Buckingham.
 Jutten, B. C., 1G. G. 19.
 Kagan, J. M., 1G. 12 Remington.
 Kahn, M., 1M. Harv. Med. Sch.*
 Kales, A. M., 2C. 1256 Mass. Ave.
 Katzmman, F. G., 3C. 10 Concord Ave.
 Kauffman, C. H., 3C. 60 Wendell.
 Kaufman, J. G., 4C. M. 30.
 Kaven, G. A., 4C. 36 Bowdoin.
 Keate, W., 1M. 17 Beacon St., Somerville.
 Keefe, P. J., sC. 100 Ellery.
 Keeler, H. H., 4S. W. 52.
 Keeley, W. N., 1M. Harv. Med. Sch.*
 Keene, C. H., 1C. 47 Mansfield St., Allston.
 KEEP, C. M., *Instr. Dn.* 235 Marlboro'*.
 Keith, B. L., 2L. 706 Tremont.*
 Kelley, A. H., 1G. Allston.
 Kellogg, S., 1S. W. H. 10.

- Kelly, N. S., 1C. P. 6.
 Kelsey, W. H., 2S. 82 Franklin.
 Kennermer, J. L., 2L. Ware 8.
 Kendall, H. F., 1S. 8 Garden.
 Kendall, W. H., 2M.
 Kendricks, J. M., 2L. Harv. Med. Sch.*
 1270 Mass. Ave.
 Kennard, H. D., 4M. Somerville.
 Kennard, W. W., 2C. Somerville.
 Kennedy, A. E., grM.
 Harv. Med. Sch.*
 Kennedy, F. A., 1C. Medford.
 Kennedy, G. F., 4S. 19 Rutland.
 Kennedy, H., 1M.
 150 Huntington Ave.*
 Kennedy, R. H., sDv. Linden.
 Kennedy, S., 2C. W. H. 58.
 Kennett, J. D., 1C. Beck 41.
 Kenney, A. M., 1Dn.
 Glen Road, Dorchester.
 Kent, A. M., 1S. 22 Mt. Auburn.
 Kent, E. A., 1Dn. Jamaica Plain.
 Kent, E. E., 2L. Felton 11.
 Kent, L. B., sC. 22 Mt. Auburn.
 Kenyon, C. H., sS. Trinity 2.
 Keogh, D. P., 2V. Chelsea.
 Keown, J. A., grM. Lynn.
 Kepler, C. O., 1M. 72 Mt. Vernon.*
 Kerkhoff, W. M., 3C. 176 Prospect.
 Kerlin, R. T., 1Dv. 17 Dunster.
 Kernan, F. K., 2C. Hilton 17.
 Kernan, W. E., 2M. Wakefield.
 KERSHAW, F. S., Proctor
 (also 4G.), M. 7.
 Kerwin, J. J., sL. P. 51.
 Ketcham, J. L., 3C. 40 Kirkland.
 Kidder, H. H., sC. 183 Brattle.
 KIDDER, N. T., Instr. Milton.
 Killty, J. F., 2L. 9 Banks.
 KIERNAN, T. J, Supt. of Circulation
 in Coll. Library. 25 Trowbridge.
 Kilbreth, J. W., 1C. Ware 10.
 Kimball, D., 1G. 19 Oxford.
 Kimball, E. B., 3L. T. 59.
 Kimball, E. C., 3C. 10 Oxford.
 Kimball, L. C., 1C. P. 28.
 Kimball, T. R., 4C. 7 Linden.
 Kimball, W. O., 1C. T. 16.
 Kimberly, S. C., sC. 1168 Mass. Ave.
 King, A. E., 2C. H. 28.
 King, C. N., 1C. 56 Plympton.
 King, D., 4C. W. H. 21.
 King, M. L., 1M. 12 Remington.
 Kingsbury, I. W., 3C. W. H. 6.
 Kinn cutt, F. H., 2C. Hy 16.
 Kinnicutt, G. H., 1C. W. 13.
 Kinoshita, T., sL. 65 Hammond.
 Kirby, J. P., 1L. 67 Oxford.
 Kirgis, A., 2M. Harv. Med. Sch.*
 Kirkpatrick, J. B., 1L. 96 Prescott.
 Kittredge, B. S., 2C. W. 9.
 KITTREDGE, G. L., Prof. 9 Hilliard.
 Klein, E., 4C. 46 Mt. Auburn.
 Kline, L. W., 3S. C. 28.
 Knapp, E. R., 4C. W. 4.
 KNAPP, P. C., Instr. M.
 33 Marlboro'.*
 KNIGHT, A. S., Asst. M. 295 Beacon.*
 Knight, C. S., 3M. Harv. Med. Sch.*
 Knight, H. F., 3C. T. 14.
 Knobel, E., 2V. Dedham.
 Knoblauch, E. G., 3C. H'ke 18.
 Knoblauch, G. W., 2C. W. H. 11.
 Knowlton, G. W., 3C. Read's 18.
 Knudsen, A. S., 3C. Hy 13.
 Knudsen, E. A., 1L. H'ke 15.
 Knox, J. L., 1C. W. H. 51.
 KOEHLER, S. R., Curator of J. W.
 Randall Collection of Engravings,
 33 Beech Glen St., Roxbury.
 Kollmyer, W. H. S., 1L. 15 Story.
 Krehbiel, D. R., 4C. 17 Mellen.
 Kubli, K. K., 2L. 42 Kirkland.
 Kuhn, A., sC. M. 11.
 LA BAW, W. L., Demonstr. and
 Asst. Surgeon, and Curator of
 Vet. Museum. 50 Village.*
 Lacey, E. N., 2L. 32 Mellen.
 Lackey, W. A., 4C.
 31 Irving St., W. Somerville.
 Ladd, A. H., 2C. 28 Holyoke.
 Ladd, M., 1M. 150 Huntington Ave.*
 Laimbeer, W., B. Claverly 19.
 Laine, W. J., 1Dv. D. H. 1.
 Laittre, K. de, 2S. W. H. 15.
 Lake, C. N., 4M. Harv. Med. Sch.*
 Lake, F. W., sC. Ware 18.
 Lakin, C. A., 1Dn. S. 80.
 Lakin, H. C., 1L. S. 80.
 Lambert, E. B., 4C. H'ke 26.
 LAMESLÉE, A. M., Instr.
 6 Mt. Auburn.
 LAMONT, H., Instr. 3 James.
 Lamprey, H. U., 1S. 14 James.*
 Lamson, F. F., 2C. H'ke 35.
 Lancaster, W. W., 2C. Brewer's 16.
 Landers, M. J., 3M. Lowell.

- Lane, G. A., 1*M.* 46 Bowdoin.*
 LANE, G. M., *Prof. Em.* 8 Mercer Circle.
 Lane, J. B., *sC.* C't 19.
 Lane, L. P., 4*C.* 628 Tremont.*
 LANGDELL, C. C., *Prof. and*
Dean of Law Fac. 37 Quincy.
 Langdon, F. E., 3*M.* 19 Pinckney.*
 Langdon, S. W. R., 2*C.* 901 Mass. Ave.
 Lange, F. J., 1*G.* 14 Mellen.
 Langton, J. F., 2*Dv.* D. 11.
 LANMAN, C. R., *Prof.* 9 Farrar.
 Larrabee, R. C., 2*M.* 912 Beacon.*
 Lathrop, C. N., 3*C.* S. 15.
 LATHROP, J. G., *Instr.* 13 Avon.
 Loughton, N. H., 4*C.* T. 68.
 Lavallee, G. O., 3*M.* Lowell.
 Lawrence, A. A., 2*C.* 9 Bow.
 Lawrence, C. L., 1*G.* 6 Maple Ave.
 Lawrence, V. C., 2*L.* Hotel Gladstone.*
 LAWRENCE, W., *Overseer,*
 101 Brattle.
 Laws, F. A., 2*C.* Arlington.
 Lawther, W., *sC.* 1680 Cambridge.
 Lawton, S. A., 4*C.* 1208 Mass. Ave.
 Learoyd, A. S., 4*C.* G. 38.
 Leavitt, G. W., 1*C.* 5 Warland.
 LeBosquet, J. E., 3*C.* H. 14.
 Leckie, W. M., 2*S.* W. H. 8.
 LECLEAR, G., *Asst.* (also 4*C.*), G. 45.
 Lecompte, W. A., 2*M.* Newton Centre.
 Ledwell, R. J., 1*M.* Harv. Med. Sch.*
 LEE, H., *Overseer,* 40 State.*
 Lee, T. J., 1*Dn.* Brighton.
 Leech, H. S., *sS.* 96 Prescott.
 Leekley, H. A., 2*C.* P. 41.
 Leen, T. F., 1*C.* 19 Salem St., Charlestown.
 Lees, R. O., 1*M.* Harv. Med. Sch.*
 Leete, J. H., 1*G.* 36 Mt. Auburn.
 Legg, A. T., 1*C.* M. 15.
 Leighton, F. E., 1*L.* 54 Hammond.
 Leighton, J. A., 1*G.* Lawrence 11.
 Leiter, M. M., 3*C.* 96 Prescott.
 Lennon, J. M., 2*M.* 14 Washington St., Dorchester.
 Lentz, O. G., *sC.* D. 37.
 Leonard, E., 2*M.* Dover.
 LEONARD, H. F., *Instr. and Lect.*
M. 297 Newbury.*
 Leonard, J., 3*C.* H. 11.
 Leonard, J. P., *sC.* 413 Green.
 Leonard, M. C., 1*S.* 11 Wendell.
 Leopold, L. S., 1*L.* G. 48.
 Letterle, J. M., *sC.* Brewer's 13.
 Levy, R. L., *sC.* 1595 Mass. Ave.
 Lewis, A. G., 3*C.* 1256 Mass. Ave.
 Lewis, E. D., 1*G.* 47 Wallace.
 Lewis, F. C., 2*S.* S. 12.
 Lewis, F. R., 3*C.* D. 34.
 Lewis, F. T., 2*C.* 36 Highland Ave.
 Lewis, G. N., 3*C.* 14 Oxford.
 Lewis, Harold, 3*C.* S. 11.
 Lewis, Herschel W., 3*C.* 16 Prescott St., Somerville.
 Lewis, J. H., 4*C.* Winthrop 16.
 Lewis, K. H., *sS.* Claverly 44.
 Lewis, W. H., 3*L.* 1187 Mass. Ave.
 Libbey, J. H., 1*S.* M. 59.
 Libby, A. A., *sS.* 687 Boylston.*
 Liebmman, C. J., 1*C.* 20 Prescott.
 Lincoln, A., 4*C.* Ware 53.
 Lincoln, J. W., 2*C.* W. H. 22.
 Lincoln, M., 3*C.* Read's 18.
 LINCOLN, S., *Overseer,*
 191 Commonwealth Ave.*
 Lindenköhl, G. S., 2*V.* 12 Union Pk. St.*
 Lindh, E. I., *sDv.* W. Acton.
 Lindsey, E., 4*C.* W. 52.
 Line, A. M., 4*C.* M. 52.
 Ling, L. C., 1*C.* 16 Story.
 Linville, H. R., 1*G.* 6 Berkeley.
 Lippincott, W. M., 1*M.* 1074 Boylston.*
 Littig, M., 3*Dn.* 18 Hancock.*
 Little, J. L., 2*C.* 26 Holyoke.
 Little, J. M., 2*C.* Hilton 2.
 Livingood, E. S., 4*C.* 1256 Mass. Ave.
 Lloyd, W. B., 1*C.* T. 27.
 Locke, W. A., *Organist and*
Choir-Master, 7 Francis Ave.
 Lodge, G. C., 4*C.* Quincy 10.
 Logan, E. L., 1*C.* P. 40.
 Logan, F. P. T., 2*M.* Harv. Med. Sch.*
 Logan, J. D., 1*G.* 38 So. Russell.*
 Logan, R., 2*C.* 126 Mt. Auburn.
 Loines, R. H., *sC.* 26 Holyoke.
 Loker, H. W., 4*C.* T. 23.
 Lombard, P. H., 4*C.* Beck 31.
 Long, A., 3*V.* 192 Northampton.*
 Long, P. C., 1*C.* P. 18.
 Long, P. W., 1*C.* G. 81.

- Longfellow, A. H., 4C.
29 Claremont Park.*
- Longley, J. A., 3C. C. 45.
- Look, J. B., sS.
432 Medford St., Somerville.
- Looney, W. D., 1M. Salem.
- Lord, F. T., 2C. T. 51.
- Lord, W. R., 3C. T. 32.
- Loring, F. R., 4C. W. H. 60.
- Loring, R. G., 3M. 100 Mt. Vernon.*
- Lothrop, T. K., 4C. 52 Brattle.
- Loud, J. A., 1C. Felton 21.
- LOUGH, J. E., Asst. (also 2G.),
5 Linden.
- Loughran, J. F., 3M. Lowell.
- LOVE, J. L., Instr. 27 Wallace.
- Lovering, A., 2C. 228 Brattle.
- LOVETT, R. W., Asst. M.
379 Boylston.*
- Low, H. C., 2M. 85 Pembroke.*
- Lowe, F. M., 4S. 89 Hammond.
- LOWELL, F. C., Overseer,
709 Exchange Bldg.*
- Lowell, F. E., 4C. 1727 Cambridge.
- Lowell, W. H., sS. Newton.
- Lower, H. E., 2C. M. 45.
- Luedke, W. J., 2C. H'ke 24.
- Lunan, W., 1M. 231 W. Newton.*
- Lunt, H. F., 1C. T. 27.
- Lydenberg, H. M., 2C.
125 Mt. Auburn.
- LYMAN, A. T., Overseer, 39 Beacon.*
- Lyman, C. F., 3S. Claverly 45.
- LYMAN, C. P., Prof. and Dean
of Vet. School, 50 Village.*
- Lyman, T., 2C. Hilton 21.
- Lyman, W., 3C. 20 Ware.
- Lynch, D. E., sC. Felton 36.
- LYON, D. G., Prof. 24 Quincy.
- Lynch, J. F., 2C. Felton 36.
- Lyon, F. D., 3M. 83 Myrtle.*
- McAdams, P. S., 3C.
100 Jenny Lind Ave., Somerville.
- McAllister, F. D., 1M. Lawrence.
- McAlpine, M. F., sC. M. 3.
- McAuslan, J. L., 1M. Marlboro'.
- McBurney, H., 1C. 57 Brattle.
- McCarthy, E. E., 2S. 48 Irving.
- McCarthy, F., sC. C. 33.
- McCarthy, J. J., 4C. Chelsea.
- McCarthy, T. F., 3M.
47 Condor St., East Boston.
- McCauley, A. A., 3M.
Harv. Med. Sch.*
- McCauley, A. V. A. B., sS.
3 Sumner.
- McChesney, G. H., sS. Quincy 2.
- McClaughry, H. H., 2L. 40 Irving.
- McClennen, E. F., 3L. Wrentham.
- McClintock, J. T., sS. Dorchester.
- McCLINTOCK, W. E., Instr.
15 Court Sq.*
- McCOLLUM, J. H., Asst. M.
12 Newbury.*
- McCormick, T. H., 2M. Taunton.
- McCormick, T. J. H., 2C. G. 35.
- McCune, E. V., sC. 1134 Mass. Ave.
- McDaniel, A. S., 1C. M. 59.
- McDaniel, W. B., 2G. 69 Dana.
- McDermott, W. V., 3M.
75 Appleton.*
- Macdonald, A. E., 1L.
669 Cambridge St., Brighton.
- Macdonald, H. M., 1M. Wellington.
- McDonald, J. A., 1L.
116 Main St., Charlestown.
- McDonald, L. F., 1M. 77 Circuit.*
- MacDonald, R., 2G. 87 St. Botolph.*
- McDonald, S. J., 2C. 16 Allen.*
- McDonald, W. J., 4C.
116 Main St., Charlestown.
- MacDougall, R., 3G. Hilton 4.
- McElfresh, W. E., 3G. 51 Wendell.
- McEvoy, G. A., 1M. Lawrence.
- McGillicuddy, C. J., 3M.
80 Wendell.*
- McGirr, F. F., 4C. 1522 Cambridge.
- McGourty, J. E., 3M. 75 Appleton.*
- McGrath, J. F., 4C. H. 4.
- McGrath, P. D., 1L.
883 Broadway, So. Boston.
- McGrew, C. A., 2C. 71 Wallace.
- Mach, E. von, 4C. 18 Bowdoin.
- McIntire, F. M., sS. 1589 Mass. Ave.
- McIntyre, G. F., 3M.
9 Berwick Park.*
- McIntyre, W. G. S., 1C. G. 34.
- McIsaac, J. A., 3M. 36 Hammond.*
- McJennett, J. F., sC. 70 Oxford.
- Mackay, E. H., 1M. Clinton.
- MacKaye, J. M., 4S. D. 85.
- MacKaye, P. W., 2C. D. 85.
- McKean, F. G., 1L. P. 86.
- McKeen, G. W., 3M.
Harv. Med. Sch.*
- McKeen, S. F., 3M. 10 Leonard Ave.
- McKelleget, G. F., 3L.
709 Cambridge.

- Mackemer, J. W., *sC.* 96 Prescott.
 McKenna, J. C., *1M.*
 96 Washington St., Charlestown.
 McKenna, W. J., *1M.* 4 Union Pk.*
 McKENZIE, A., *Secretary of*
Overscers, 12 Garden.
 McKenzie, K., *3G.* 12 Garden.
 McKibben, W. W., *2C.* M. 55.
 Mackie, W. C., *1M.* 675 Tremont.*
 McKillip, P. E., *1L.* H'ke 2.
 Mackintosh, H. B., *2C.*
 86 Mt. Auburn.
 McKittrick, W., *3C.* Claverly 20.
 McKnight, E. T., *1L.*
 1134 Mass. Ave.
 McKnight, W. G., *1L.* 49 Oxford.
 McLAUGHLIN, F. C., *Asst.*
 (also *2G.*), Read's 4.
 McLaury, H. L., *2G.* 12 Howland.
 McLucas, J. S., *1G.* 1691 Cambridge.
 McMahon, T. R., *1Dn.*
 51 Allston St., Charlestown.
 McMann, W. H., *3C.*
 5 Linwood Sq., Roxbury.
 McMeekin, R. J., *2Dn.*
 Boston Art Club.
 McMurtry, C. W., *2M.*
 134 Newbury.*
 McNear, S. B., *4C.* Claverly 24.
 McNeil, C. E., *3V.*
 509 Columbus Ave.*
 McNeil, J. L., *sC.* Ware 17.
 McPherson, D. P., *3L.*
 1601 Mass. Ave.
 McPherson, R., *1C.* P. 42.
 McRoberts, G. A., *3C.* 54 Hammond.
 Macurdy, J. O., *3S.*
 41 Fayette St., Watertown.
 MACVANE, S. M., *Prof.* 34 Kirkland.
 MacVeagh, E., *4C.* 9 Linden.
 McVey, J. R., *1C.*
 868 E. Fifth St., So. Boston.
 McWhinnie, J. E., *2C.* 29 Williams.
 Madden, E. A., *1V.* Watertown.
 Madden, J. J., *2M.* 48 Oneida.*
 Magness, B. V., *2M.* Chelsea.
 Magrath, G. B., *1M.* Wadsworth 9.
 Maguire, C. F., *2M.*
 500 Medford St., Somerville.
 Maguire, J. F., *1M.*
 Harv. Med. Sch.*
 Magurn, F. T. L., *4M.*
 Harv. Med. Sch.*
 Mahon, E., *1C.* C't 22.
 Mahon, J. A., *3M.*
 48 Alexander St., Dorchester.
 Mahoney, C. J., *1M.*
 E. Providence, R. I.
 Mahoney, D. L., *sS.*
 26 Tufts St., Charlestown.
 Mahoney, F. J., *2C.* 20 Ware.
 Mahorner, M., *1L.*
 128 Huntington Ave.*
 Mains, C. F., *3M.* Framingham.
 Mallery, W., *sC.* 1697 Cambridge.
 MALLORY, F. B., *Instr. M.*
 Harv. Med. Sch.*
 Malone, E. S., *sC.* 56 Mt. Auburn.
 Malone, L. J., *2L.* C. 63.
 Maloney, W. V., *1M.*
 Harv. Med. Sch.*
 Maloon, W. L., *4C.* Shepherd 7.
 Manahan, T. J., *sS.* Hilton 10.
 Manix, E. T., *1M.* Exeter, N. H.
 MANLEY, E. I., *Proctor* (also *2G.*),
 C. 56.
 Manley, R. E., *sC.* 438 Broadway.
 Mann, A., *4C.* T. 5.
 Mann, A. T., *3M.* 73 Montgomery.*
 Mann, S. V., *3C.* Read's 36.
 Manning, C. B., *1S.* H'y 7.
 Manning, C. F., *1C.*
 898 Putnam Ave.
 Manning, R. A., *2L.* Winthrop 26.
 MANNING, R. C., *Instr.* Ware 43.
 Manning, R. L., *4C.* H'y 7.
 Mansfield, W. R., *2C.* S. 28.
 Mansur, F. W., *2C.* Felton 12.
 Mansur, L. W., *1M.*
 521 Columbus Ave.*
 Marbut, C. F., *2G.* 80 Wendell.
 MARCOU, P. B., *Instr.* 42 Garden.
 Marcy, H. O., *2M.*
 180 Commonwealth Ave.*
 Marcy, Richard, *1C.* Little's 1.
 Marcy, Robert, *2C.* Little's 1.
 MARK, E. L., *Prof.* 109 Irving.
 Mark, K. L., *1C.* 109 Irving.
 Markle, M. M., *1L.* H. 3.
 Marks, A. M., *2C.* Ware 28.
 Marks, I. E., *2C.* Ware 28.
 MARKS, L. S., *Instr.* 43 Irving.
 Marlow, E. W., *3C.* P. 66.
 Marseilles, W. P., *sS.* W. 29.
 Marsh, A. M., *1L.* 58 Hammond.
 MARSH, A. R., *Asst. Prof.* 49 Langdon.
 Marsh, A. W., *4M.* 21 W. Cedar.*
 Marsh, C. R., *3C.* Quincy 4.

- Marsh, E. J., 3C.
 Marsh, H. S., 2C.
 Marshall, H. C., 1G.
 Marshall, J. F., 1S.
 78 N. Beacon St., Allston.
 Marshall, N. B., 2C.
 Marshall, W. A., 4C.
 Marsten, J. F., 1C.
 Marston, J. N., 1M.
 Martin, C. A., 2S.
 Martin, G. A., 4C.
 Martin, J. F., 2Dn.
 Martin, J. H. T., 3C.
 Martin, L. H., 8C.
 Martin, R. D., 3V.
 Marvin, L. P., 1C.
 Maskell, L. J., 2M.
 MASON, A. L., *Assoc. Prof. M.*
 265 Clarendon.*
 MASON, C. F., *Bursar*,
 Wadsworth House.
 Mason, D. G., 4C.
 Mason, F., 3C.
 Mason, H. C., 1C.
 Mason, J. K., 2V.
 Mason, P. D., 2C.
 Mathews, E. R., 2C.
 Mathews, G. W., 3C.
 Matteson, A. C., 2L.
 1683 Cambridge.
 Matthews, E. W., 2Dn.
 192 W. Canton.*
 Matthews, N., 2C.
 Maulhardt, A. A., 2M.
 570 Columbus Ave.*
 Maurer, W. F., 3L.
 May, A. W., 1V.
 9 Brewer St., Jamaica Plain.
 May, S., 3C.
 May, V. H., 4C.
 May, W. R., 1M.
 Mayer, A. G., 3G.
 Maynard, E., 1C.
 Mead, B. C., 3C.
 Mead, F. H., 1G.
 Meade, L. G., 3C.
 Meade, A. P., 2C.
 Meader, F. E., 3Dn.
 1 Sunderland St., Roxbury.
 Meader, J. H., 4C.
 Means, P. C., 2M.
 Medina, F. E., 1M.
 Meehan, W. P., 2L.
 Washington St., Jamaica Plain.
 M. 16.
 26 Mellen.
 C. 20.
 Mellus, E., 1M.
 Merigold, B. S., 3C.
 Merriam, F. H., 1M.
 Harv. Med. Sch.*
 Merrill, E. G., 4C.
 Merrill, E. W. D., 3C.
 18 Sacramento Pl.
 Merrill, F., 1C.
 Merriman, F. W., 4C.
 Merriman, R. B., 3C.
 Merryweather, A. M., 3S.
 Meserve, J. M., 2C.
 87 Linden St., Allston.
 Metcalf, G. P., 1C.
 Metcalf, N. C., 3C.
 Metzger, B., 2M.
 Mevis, L., *grDe*.
 Meyer, H. R., 3G.
 Middleton, L., 2C.
 Millan, A. L., 2L.
 Millard, E. L., 1C.
 Millard, H. E., 1C.
 Miller, D. D., 4C.
 Miller, F. P., 2C.
 282 Columbus Ave.*
 Miller, H. W., 2C.
 Miller, J., 1M.
 MILLER, W. J., *Proctor* (also 3G.),
 Trinity 10.
 Millett, F. S., 1C.
 Milliken, J. K., 3C.
 Millikin, L. C., 3C.
 Millikin, R. D., 3Dn.
 MILLS, B. F., *Stenographer*,
 Mills, C. H., 4C.
 Mills, C. W., 4S.
 MINOT, C. S., *Prof. M.*
 688 Boylston.*
 Minton, J. M., 2L.
 14 Union Ave., Jamaica Plain.
 Mitchell, D. E., 2C.
 Mix, H. C., 3C.
 MIXTER, S. J., *Instr. M.*
 180 Marlboro'*.
 Moe, A. K., 2C.
 Moffatt, R. T., 3Dn.
 Molloy, J. E., 2C.
 Monette, J., 2L.
 MONKS, G. H., *Instr. M.*
 405 Boylston.*
 Monks, L. H., 1S.
 Monroe, C. E., 3Dn.
 Montague, S. S., 2S.
 Montague, W. P., 3C.
 M. 30.
 G. 25.
 W. H. 40.
 W. H. 40.
 Felton 2.
 W. 42.
 W. H. 57.
 22 Linnaean.
 Lynn.
 1244 Mass. Ave.
 W. 53.
 95 Irving.
 12 DeWolf.
 H'ke 28.
 Waltham.
 65 Mt. Auburn.
 9 Bow.
 Harv. Med. Sch.*
 U. 9.
 78 Mt. Auburn.
 H. 28.
 164 Newbury.*
 Randolph.
 Brewer's 4.
 5 Linden.
 3Dn. Norfolk Downs.
 G. 16.
 H'ke 84.

- Montoya, J. M., 2*M*.
Harv. Med. Sch.*
- MOODY, W. V., *Asst.* (also 2*G.*),
G. 43.
- Mooney, J. T., 1*Dn.* 11 James.*
- MOORE, C. H., *Asst. Prof.* 19 Follen.
- Moo:e, C. K., 1*C.* 35 Wallace.
- Moore, F., 2*M*.
13 Concord St., Charlestown.
- MOORE, G. F., *Lect. Dv.* Andover.
- Moore, G. T., 1*G.* 27 Putnam Ave.
- Moore, James H., 4*S.*
74 Sacramento.
- Moore, John H., 2*M*.
143 Warren Ave.*
- Moore, J. S., 1*M.* 666 Tremont.*
- Moore, W. E., 2*Dn.* Taunton.
- Moorehouse, G. W., 2*M.* Claverly 11.
- MORE, P. E., *Asst.* (also 3*G.*),
32 Wendell.
- Morey, G. P., 1*C.* H'ke 44.
- Morgan, C. E., 1*C.* 26 Holyoke.
- Morgan, F. G., 1*G.* Hilton 31.
- Morgan, H. H., 1*L.* Felton 33.
- MORGAN, M. H., *Asst. Prof.*
Hubbard Pk.
- Morgan, W. E., 2*M*.
103 Westville St., Dorchester.
- Morgage, W., *sL.* 11 Howland.
- Moriarty, J. L., 1*M.* 679 Tremont.*
- MORIARTY, P. W., *Demonstr. Dn.*
Fields Corner.*
- MORISON, R. S., *Secretary of the*
Divinity Faculty, 34 Shepard.
- Morley, J. E., 1*L.* 5 Felton.
- Morrill, F. N., 2*C.* M. 44.
- Morrill, J., 3*C.* T. 15.
- Morrill, S., 2*C.* H'ke 9.
- Morrill, S. G., 2*M.* 6 Story.
- Morris, A. A., 3*L.* 1686 Cambridge.
- Morris, Dave H., 3*C.* 60 Brattle.
- Morris, Davis H., 1*S.*
22 Leonard Ave.
- Morris, J. J., 1*Dn.* E. Boston.
- Morrison, C. J., 1*L.* H'y 5.
- Morrison, F., *sC.*
24 Gardner St., Allston.
- Morse, C. S., *sC.* 46 Bowdoin.*
- Morse, G. A., 2*L.* 16 Oxford.
- Morse, H. R., 1*C.* T. 46.
- Morse, J. H., 3*C.* H'y 6.
- MORSE, L. K., *Proctor* (also 3*L.*),
T. 54.
- Morse, R. G., 3*C.* 26 Holyoke.
- Morse, R. H., 3*C.* Roslindale.
- MORSE, R. M., *Overseer,*
57 Equitable Bldg.*
- Morse, T., 1*C.* Ware 27.
- Morton, A. A., 3*S.* T. 25.
- Morton, B. A., *sC.* 57 Brattle.
- Moseley, O. C., 1*L.* Roxbury.
- Moses, E. M., 2*S.* 41 Wendell.
- Moses, W. V., *Instr.* 41 Wendell.
- Mosher, H. P., 3*M.*
84 Francis St., Brookline.
- Moss, E. A. D., 1*L.* Worcester.
- Moss, R. T. W., 2*C.* Claverly 2.
- Mosser, E. J., 1*G.* 3 Sumner.
- MOTLEY, T., *Instr. B.*
Jamaica Plain.
- Motley, T., 3*C.* Claverly 46.
- Mott, L. W., 3*C.* Hilton 22.
- Mott, W. K., 3*C.* G. 50.
- Mott-Smith, E. A., 4*C.* S. 32.
- Moulton, J. B., *sS.* 54 Gloucester.*
- Moulton, L. B., 3*C.* C. 62.
- Moulton, W. B., 4*C.* 47 Wallace.
- MOWER, M., *Asst.* 54 Garden.
- Mowry, A. M., 2*G.* 45 Wallace.
- MOXOM, P. S., *Preacher,* Springfield.
- Moyer, A. J., 3*C.* 125 Mt. Auburn.
- Muletour, W. J., *s V.*
53 Dennis St., Roxbury.
- Mulford, E. D., 2*C.* Quincy 8.
- Mulford, R. J., *sL.* 56 Shepard.
- Mullen, T. A., 3*L.* 59 Brattle.
- Mullins, T. P., 4*C.* 37 Third.
- Mullowney, E. F., *s V.*
Percy St., Brookline.
- Mumford, G. S., 2*S.* T. 22.
- MUNRO, J. C., *Asst. M.* 173 Beacon.*
- Munro, W., 3*C.* G. 28.
- Munroe, V., 3*C.* H'y 6.
- MÜNSTERBERG, H., *Prof.* 38 Quincy.
- Munt, G. E., *sC.* 80 Wendell.
- Murchie, G. G., 4*C.* Claverly 16.
- Murdock, L. B., 3*C.* H'y 8.
- MURE, J. A., *Instr.*
Hotel Brunswick.*
- Murphy, D. F., *sC.* H. 27.
- Murphy, S. N., 1*M.* Danversport.
- Murphy, W. H., 1*V.*
23 Parsons St., Brighton.
- Murray, F. A., 1*M.* 25 Sharon.*
- Musgrave, P., 1*M.* 44 Newbury.*
- Myer, J. W., *sS.* 16 Oxford.
- Nagle, L. T., 1*V.*
131 Walnut St., Brookline.

- Nakamura, K., *sC*. C't 8.
 Nannery, W. A., 1 V. Mt. Vernon St., W. Roxbury.
 Nash, F. H., 4 C. H'ke 42.
 Nash, L. R., 1 G. 18 Sacramento Pl.
 Nash, W. G., 2 C. 232 Elm St., W. Somerville.
 Naumburg, G. W., 1 C. C't 28.
 Nazro, W. E. C., *sS*. (also B.), W. 88.
 Neal, F. G., 3 C. S. 20.
 NEAL, H. V., *Asst*. (also 2 G.), Shepherd 2.
 Neal, J. A., *sC*. 1556 Cambridge.
 Neal, J. F., 2 C. 1689 Cambridge.
 Negus, S. P., *sC*. Ware 29.
 Nelson, H. P., 4 C. 18 Plympton.
 Nevin, F., *sC*. 71 Gardner St., Allston.
 Newell, F. S., 3 M. 241 Walnut Ave., Roxbury.
 Newell, G., *sC*. 1134 Mass. Ave.
 Newell, G. S. T., 1 L. S. 14.
 Newell, W. W., 1 G. 175 Brattle.
 Newgass, G. W., 2 C. W. H. 38.
 Newhall, A. H., 1 C. E. Saugus.
 Newhall, G., 1 C. 1534 Cambridge.
 Newhall, G. T., *sS*. Ware 39.
 Newman, A. H., 4 C. H'y 10.
 Newsom, S. C., 4 C. 24 Leonard Ave.
 Newsome, E. T., 2 M. Roslindale.
 Newton, E. R., 3 V. 573 Tremont.*
 Newton, F. B., 1 M. Harv. Med. Sch.*
 Newton, F. M., 1 S. 8 Story.
 NEWTON, G. F., *Instr*. Music Hall Building.*
 NICHOLS, A. B., *Instr*. G. 5.
 Nichols, H. G., *sC*. Beck 8.
 Nichols, H. T., 2 C. Manter 1.
 Nichols, N. G., *sC*. 42 Kirkland.
 Nichols, P., 4 C. Shepherd 8.
 Nicholson, W., 1 G. 47 Wallace.
 Niles, G. C., 1 L. 301 Beacon.*
 Ninde, L. J., 3 C. H'y 15.
 Noble, G., 1 C. 25 Holyoke.
 Noble, J., 2 C. W. H. 26.
 Nolan, W. F., 1 M. 49 Chestnut Ave., Jamaica Plain.
 Nolte, J. W., 1 V. 50 Village.*
 Noon, P. G., 4 C. C. 16.
 Norris, B. F., *sC*. G. 47.
 North, A. A., 2 L. 63 Gorham.
 Norton, A. O., *sS*. 70 Oxford.
 NORTON, C. E., *Prof*. — Irving.
 Norton, C. W., 3 C. Claverly 52.
 Norton, E., *sS*. Claverly 20.
 Norton, L. J., 4 C. 94 Wendell.
 Norton, M. G., 4 C. W. H. 9.
 Noyes, C. E., 4 C. 7 Ware.
 Noyes, G. H., 2 C. W. H. 13.
 Noyes, G. R., 1 G. T. 44.
 Noyes, W. B., 4 C. 822 Harvard.
 Nye, E. L., 1 M. Harv. Med. Sch.*
 Oakes, F. A., 3 M. 61 Chandler.*
 Oakman, O. B., 3 G. Neponset.
 O'Brian, J. L., 3 C. G. 38.
 O'Brien, H. C., 3 Dn. 76 Commonwealth Ave.*
 O'Brien, J. E., 1 V. Somerville.
 O'Brien, L. O., 2 C. Ware 30.
 O'Brien, W. J. L., 1 M. 726 E. Third St., So. Boston.
 O'Connell, J. A., 3 V. 9 Melbourne St., Dorchester.
 O'Connell, J. F., 2 L. 380 Washington St., Dorchester.
 O'Connor, J. H., 3 M. Harv. Med. Sch.*
 O'Connor, P. H., 3 Dn. 18 Hancock.*
 O'Connor, W. M., 1 S. 1208 Mass. Ave.
 Odde, J. A. L., 1 C. 16 Lake.
 Odiorne, W. B., 4 C. Hilton 37.
 O'Donnell, G. T., 2 M. Harv. Med. Sch.*
 OENSLAGER, G., *Asst*. (also 1 G.), T. 24.
 Officer, H., 4 C. 17 Trowbridge Pl.
 Ogden, H. W., 2 L. 55 Trowbridge.
 OGDEN, J. B., *Asst*. 88 St. Botolph.*
 Ogilvie, A. U., *grDv*. D. 22.
 OLDHAM, A. J., *Instr*. Dn. 2 Commonwealth Ave.*
 Olds, R. E., 2 C. C. 32.
 O'Leary, J. P., 3 V. 2 Broadway, So. Boston.
 O'Leary, R. D., 4 C. 14 Shepard.
 Oliver, A., 1 G. 27 Brimmer.*
 Olmstead, J. M., *grDv*. 100 Ellery.
 O'Malley, W. J., 3 C. 9 Fremont Ave., Roxbury.
 O'Neil, R. F., 3 M. Copley Sq. Hotel.*
 Oppenheimer, B. S., 2 C. 2 Berkley Pl.
 Orr, S. S., 2 M. Harv. Med. Sch.*
 Orr, W. W., 3 C. W. 18.

- Orton, G. P., *sS.* Lerner 11.
 Osborn, J. F., *3C.* W. 49.
 Osgood, F. H., *Prof. V. 50 Village.**
 Osgood, W. F., *Asst. Prof.* 14 Centre.
 O'Sullivan, J. J., *3M.* Har. Med. Sch.*
 Otis, W. I., *sC.* 1208 Mass. Ave.
 Otis, W. K., *1C.* M. 6.
 Ottis, F. J., *2L.* H'ke 2.
 Outerbridge, F. R., *3S.* W. H. 25.
 Outerbridge, S. R., *3S.* W. H. 25.
 Owen, J. M., *1Dn.* 109 Chandler.*
 Ozanne, C. E., *1G.* 11 Wendell.
 Packard, F. H., *1C.* 25 Warren Ave., Somerville.
 Packard, H. S., *1C.* G. 52.
 Page, C. G., *grM.* Harv. Med. Sch.*
 Page, E. H., *2Dn.* 112 Dartmouth.*
 Page, E. S., *1L.* G. 10.
 Page, F. R., *3C.* C. 40.
 Page, G. T., *3M.* 113 Inman.
 Page, L. W., *sS.* P. 27.
 Page, P., *1M.* Asylum Station.
 Paine, C. C., *3L.* 17 Dunster.
 Paine, C. E., *sC.* 62 Gilman St., E. Somerville.
 Paine, C. J., *2C.* Little's 11.
 Paine, G. L., *3C.* Little's 24.
 Paine, J., *3L.* 12 Mt. Auburn.
 PAINE, J. K., *Prof.* 23 Hawthorn.
 Paine, R., *sC.* 16 Mellen.
 Paine, R. E., *1L.* H'y 17.
 Paine, S., *2M.* Newtonville.
 Painter, C. F., *4M.* Children's Hosp.*
 Palfrey, F. W., *1C.* G. 22.
 Palfrey, J. G., *3C.* G. 39.
 Palmer, C. B., *sC.* 32 Putnam Ave.
 PALMER, G. H., *Prof.* 11 Quincy.
 Palmer, H., *1C.* Claverly 19.
 Palmer, P., *1C.* Claverly 33.
 Palmeter, G. F., *3S.* T. 36.
 Parcells, F. M., *3L.* 71 Hammond.
 Park, L., *2C.* 24 Holyoke.
 Parke, R. T., *1C.* 1683 Cambridge.
 Parker, Augustin H., *2C.* 9 Bow.
 Parker, Arthur H., *3M.* Waltham.
 Parker, C. A., *grDr.* 57 Franklin.
 Parker, C. D., *4C.* Hilton 9.
 Parker, C. H., *2C.* Hilton 27.
 PARKER, C. P., *Instr.* 60 Shepard.
 Parker, Edward G., *1M.* Auburndale.
 Parker, Edwin G., *2C.* 15 Story.
 Parker, F. E., *3C.* Osborne Road, Brookline.
 PARKER, G. H., *Instr.* 6 Avon Pl.
 Parker, H. E., *2L.* 55 Hammond.
 Parker, H. F., *3L.* 140 Lambert Ave.
 Parker, H. G., *1G.* 24 Holyoke.
 Parker, J. D., *2S.* Ware 45.
 Parker, J. P., *3C.* Ware 54.
 Parker, M. W., *1M.* 2A Park.*
 Parker, P. S., *3L.* Longwood.
 Parker, T., *1L.* H'ke 27.
 Parker, U. S., *sC.* 11 Wendell.
 Parker, W. A., *3C.* 1 Mercer Circle.
 Parker, W. B., *2C.* C. 67.
 Parkhurst, C. E., *1Dn.* 79 Walnut St., Somerville.
 Parkhurst, L. H., *1C.* 45 Dana.
 Parmelee, H. F., *1L.* 18 Mason.
 Parrott, A. F., *1C.* Worcester.
 Parry, G. G., *1L.* G. 49.
 PARSONS, H. S., *Instr. Dn.* 3 Park.*
 Parsons, P. F., *1C.* 18 Crescent St., Somerville.
 Partridge, W., *2S.* 24 Holyoke.
 Paschal, S. S., *sS.* Ware 19.
 Patten, S. K., *2M.* 70 Dale.*
 Patten, W. S., *4C.* 17 Story.
 Patterson, A. M., *4C.* H'ke 22.
 Patterson, H. S., *1C.* S. 24.
 PAUL, J. T., *Demonstr. Dn.* 157 Newbury.*
 Paul, L. G., *1M.* Newton Centre.
 Paxton, J. F., *1G.* 30 Irving.
 Payson, C. C., *1C.* Hilton 15.
 Peabody, C. W., *2L.* 473 Broadway.
 PEABODY, F. G., *Prof.* 13 Kirkland.
 PEABODY, R. S., *Overseer.* Exchange Building.*
 Peabody, W. R., *4C.* H'ke 26.
 Peacock, W. J., *2L.* 1683 Cambridge.
 Pearce, R. M., *grM.* Harv. Med. Sch.*
 Pearson, G. B., *1M.* Lynn.
 Peavey, R. A., *1M.* 259 Princeton St., E. Boston.
 Peck, J. W., *3C.* H. 3.
 Pegram, J. C., *3M.* 44 Newbury.*
 PEIRCE, B. O., *Prof.* 51 Oxford.
 Peirce, F. J., *2M.* Harv. Med. Sch.*
 Peirce, G. A., *1M.* 199 Roxbury St., Roxbury.
 PEIRCE, J. M., *Prof.* 4 Kirkland Pl.
 Pence, J. H., *sC.* Irving Terrace.
 Pentz, W. J., *1G.* 1534 Cambridge.

- Percival, A. W., 2S. P. 4.
 Peritz, I. J., 1G. Mattapan.
 PERKINS, C. E., *Instr. Dn.* Brockton.
 Perkins, F. C., 1L. Winthrop 21.
 Perkins, J. H., 1C. 38 Winthrop.
 Perkins, J. M., 3L. S. 11.
 Perkins, N., 1C. Ware 23.
 Perley, R. D., 2M. Ipswich.
 Perry, A. R., 3M. 41 Appleton.*
 Perry, C. H., sV. Worcester.
 PERRY, C. R., *Asst.* (also 4S.), 90 Hammond.
 Perry, D. T., 2C. P. 23.
 Perry, E., 1M. 60 Temple.*
 Perry, E. B., sC. D. H. 4.
 Perry, E. L., 4C. C. 19.
 Perry, H. J., 3M. Harv. Med. Sch.*
 Perry, W. B., 1L. 10 Mellen.
 Peterson, E., 1V. Jamaica Plain.
 Peters, A. J., 4C. 9 Linden.
 Pettus, M., 4C. W. H. 33.
 Pettijohn, G., 1C. M. 1.
 Pew, J. A., 1L. H'ke 8.
 PFAFF, F., *Inst. M.* 176 Walnut St., Somerville.
 153 Huntington Ave.*
 Phair, P. D., 1G. 1301 Cambridge.
 Phelan, J. P., 4C. H'ke 14.
 Phelan, M. F., 2C. H'ke 14.
 Phelps, D. F., 1L. M. 18.
 Phelps, J. W., 3C. C. 16.
 Phelps, W. H., 2S. M. 18.
 Philbrick, H. P., 1C. 38 Putnam Ave.
 Phillips, E. F., 1C. W. 24.
 Phillips, H. A., 2C. 28 Holyoke.
 Phillips, J. D., 2C. W. 26.
 Phillips, S. W., 4C. W. 26.
 Phillips, W. L., 1M. Harv. Med. Sch.*
 Phinazy, B., 1L. 1697 Cambridge.
 Phinney, J. I., 1G. 17 Chauncy.
 Pickard, I. L., 3M. Harv. Med. Sch.*
 PICKERING, E. C., *Prof. and*
Director of A. O. Observatory.
 Pickering, H. E., 2C. H'ke 35.
 PICKERING, W. H., *Asst. Prof.* Observatory.
 Pickhardt, E. W. S., 1C. Hilton 35.
 Pier, A. S., 4C. H'y 24.
 Pierce, C. A., 1S. Beck 40.
 Pierce, C. S., 4C. 7 Linden.
 PIERCE, E., *Asst.* (also 3G.), 1156 Mass. Ave.
 Pierce, G. B., 1M. Milton.
 Pierce, J. H., 2L. 473 Broadway.
 Pierce, J. M., 5G. 6 Story.
 Pierce, S. M., 1C. 43 Dana.
 Pierpont, G. W., 1S. C't 31.
 Pierpont, L., 3S. C't 31.
 Pierson, J. R., 1S. Ware 1.
 Pierson, R., 1C. 1697 Cambridge.
 Pike, C. B., 2L. Beck 47.
 Pike, F. F., 1M. 20 Batavia.*
 Pilling, A. T., 1C. P. 11.
 Pillsbury, F. A., 2M. 15 S. Russell.*
 Pillsbury, H. D., 4C. Hilton 25.
 Pillsbury, S. H., 1L. 18 Shepard.
 Pinkham, E. W., 2M. 547 Mass. Ave.*
 Piper, E. K., 1L. 51 Ellery.
 Pirce, J. A., 1L. 14 Trowbridge Pl.
 Pitman, E. F., 1C. H'ke 40.
 Pitts, R. S., 4C. C. 18.
 Pitts, S. L., 2C. W. 19.
 Playdon, C. H., 2V. Andover.
 Player, P., 1C. Ware 25.
 Pleadwell, F. L., 3M. Taunton.
 Plum, H. C., 2C. P. 58.
 Plummer, F. W., 4M. 176 Walnut St., Somerville.
 Poland, W. N., 2C. W. Roxbury.
 POLL, M., *Instr.* 44 Shepard.
 Pollak, F. D., 3C. C. 64.
 Pomeroy, R. W., 3L. Winthrop 30.
 Pool, E. H., 4C. H'y 24.
 Poole, F. O., 4C. Felton 2.
 POPE, A. W., *Clerk in Treasurer's*
Office, 50 State.*
 Pope, H., sC. 54 Garden.
 Popper, A. W., 1S. 20 Prescott.
 PORTER, C. A., *Asst. M.* 24 Marlboro'.*
 PORTER, C. B., *Prof. M.* 5 Arlington.*
 Porter, C. H., sDv. D. 17.
 Porter, F. S., 1L. Winthrop 7.
 Porter, H. W., 3C. W. 48.
 Porter, J. F., 4C. 12 Kirkland Pl.
 Porter, M. B., 1G. D. 20.
 Porter, R. B., 2C. H. 18.
 Porter, W. H., 1C. 13 Wendell.
 PORTER, W. T., *Asst. Prof. M.* 257 Beacon.*
 POST, A., *Instr. M.* 16 Newbury.*
 Pote, L. H., 1M. 23 Howe St., Somerville.
 Poth, C. A., 4C. T. 5.
 Potter, A., 4C. Read' 6.
 POTTER, A. C., *Asst. in Coll.*
Library, 12 Mt. Auburn.

- Potter, A. C., 4C. T. 30.
 POTTER, W. H., *Lect. Dn.* 16 Arlington.*
 Potts, J., 2C. 12 Sumner.
 Powell, O. L., sC. 11 Mellen.
 Powell, W. M., 3C. Claverly 25.
 Powers, E. D., 1C. 16 Oxford.
 Prado, P. da S., 3C. H'ke 49.
 Prall, R. T., sS. 40 Kirkland.
 Prather, J. M., 2G. 89 Hammond.
 Pratt, E. B., 2C. 8 Sumner.
 Pratt, F. H., 3C. T. 2.
 Pratt, F. S., 4S. W. H. 45.
 Pratt, J. H., 1M. Melrose.
 Prenner, I. S., sC. C. 54.
 Prentiss, J. W., 1C. Ware 41.
 Prescott, C. F., 2C. W. 8.
 Prescott, H. D., 1C. W. 35.
 Prescott, H. W., 4C. C. 52.
 PRESCOTT, W. H., *Asst. M.* 285 Marlboro'.*
 Pressey, E. P., 2Dv. 7 Miller St., Somerville.
 Preston, W. A., 3C. 1734 Cambridge.
 Prevauz, J. J., 1M. Amesbury.
 Price, Walter H., 3M. Hotel Waldorf.*
 Price, Wilfred H., 4S. G. 1.
 Priest, B. S., 3C. S. 32.
 Priest, H. B., 2C. F. 1.
 PRINGLE, C. G., *Botanical Collector*, Charlotte, Vt.
 Proctor, C. A., 1L. 869 Marlboro'.*
 PROCTOR, F. I., *Instr. M.* 259 Beacon.*
 Proctor, J. R., 1S. S. 27.
 Proctor, J. W., 2M. Malden.
 Proctor, T. E., 4C. Manter 8.
 Prouty, G. S., sC. M. 49.
 Provandie, P. H., 1M. Melrose Highlands.
 Prunyn, E. L., sS. W. H. 4.
 Pugh, J. F., sC. 2½ Wyeth Sq.
 Purdon, J., 4C. H'ke 30.
 Putnam, C. R. L., 4M. Mass. Gen. Hosp.*
 PUTNAM, F. W., *Prof. and Curator of Peabody Museum*, 400 Broadway.
 Putnam, G. R., 1C. M. 15.
 PUTNAM, J. J., *Prof. M.* 106 Marlboro'.*
 Putnam, J. L., 3L. 488 Beacon.*
 Putnam, W. E., 3C. W. H. 59.
 Quick, O., 4C. C. 30.
 Quigley, W. A., 2L. 34 Mellen.
 Quinby, H. C., 2L. G. 11.
 QUINCY, H. P., *Instr. M.* Dedham.
 Quinn, J., 3L. 65 Hammond.
 Quinn, J. A., 4M. 239 C. St., So. Boston.
 Rabinovitch, I. E., 2S. C. 52.
 Radcliff, W. H., 2S. P. 4.
 Rafferty, J. H., 1Dn. Somerville.
 RAND, B., *Asst.* 44 Garden.
 Rand, E. K., 1Dv. D. 31.
 Rand, W. H., 1C. M. 8.
 Ranlet, R., 2C. 1270 Mass. Ave.
 Ransom, F. H., 1M. Harv. Med. Sch.*
 Rantoul, E. L., 2C. Hilton 40.
 Rathbun, F. H., 3C. W. 46.
 Raudenbush, H. W., 4S. 42 Kirkland.
 Rawalt, C. O., 4S. M. 27.
 RAWLE, F., *Overseer*, 328 Chestnut St., Philadelphia, Pa.
 Rawson, C. T., 2C. 118 Myrtle.*
 Raymond, E. L., B. Jamaica Plain.
 Raymond, H. I., grM. Harv. Med. Sch.*
 Raymond, R. L., 4C. Hilton 38.
 Raynolds, H., 1C. 5 Linden.
 Raynolds, H. F., 2C. 40 Kirkland.
 Read, J. B., 4C. H'ke 15.
 Read, W., 2S. 55 Appleton.
 READE, C. M., *Auditor of Foxcroft Club*, S. 19.
 Reade, C. M., 2L. S. 19.
 Reagh, A. L., 1M. Maple St., W. Roxbury.
 Reardon, E. E., 1L. H. 8.
 Reccord, A. P., 3Dr. D. 29.
 Records, W. H., 1C. Arlington Heights.
 Redpath, L. W., 1C. W. H. 51.
 Reed, A. Z., 2C. Wadsworth 7.
 Reed, B., 4C. G. 30.
 Reed, E. A., sS. C. 26.
 Reed, F. W., 1C. Dorchester.
 Reed, H. A., 2C. P. 58.
 Reed, V. A., 2M. 72 Waltham.*
 REED, W., *Proctor (also 2Dr.)*, D. 15.
 Reed, W. Hale, 4C. T. 10.
 Reed, W. Howell, 1C. 81 Walnut Ave., Roxbury.
 Reese, T. I., 1G. Lawrence 6.
 Reese, W. W., 3C. 1124 Mass. Ave.
 Reeve, W. P., 3C. 58 Wendell.

- Rogers, W. B., 3*C*. Claverly 46.
 Rogers, W. C., 4*C*.
 21 Linwood St., Roxbury.
 Rood, L. C., 1*M*.
 176 Lexington St., E. Boston.
 Rose, Alwyn, 1*M*.
 149 Warren St., Roxbury.
 Rose, Anthony, 2*C*. H. 10.
 Rose, P. la, 4*C*. M. 14.
 Rose, W. H., 1*M*. Worcester.
 Ross, C. A., 3*C*. C. 6.
 Ross, H. A., 3*C*. H'ke 46.
 Ross, H. D. V., 1*G*. 1699 Cambridge.
 Ross, H. F., 2*C*. Ware 3.
 Ross, L. H., 1*M*. H. 29.
 Ross, T. K., 2*Dn*. Everett.
 Ross, T. L., 1*L*. P. 21.
 ROTCH, A. L., *Asst.*
 Blue Hill Observatory, Readville.
 ROTCH, T. M., *Prof. M*.
 197 Commonwealth Ave.*
 Rothfuchs, C. C., 3*M*.
 253 Shawmut Ave.*
 Rothwell, T. H., 2*L*. 61 Oxford.
 Bounds, A. W., 1*M*.
 Providence, R. I.
 Rowe, H. S., 2*C*.
 25 Catawba St., Roxbury.
 Rowe, J. C., 4*C*. G. 30.
 Rowell, F. B., 2*C*. Waltham.
 Rowlison, C. C., 3*Dv*. D. 39.
 Royall, O. V., 1*L*. 5 Eustis Ct.
 Royce, J., *Prof.* 103 Irving.
 Rublee, G., 3*L*. Ware 52.
 Rumford, C. P. M., 2*C*.
 68 Mt. Auburn.
 Rumrill, C. C., 2*C*. Beck 34.
 Rumsey, W. L., 2*C*. T. 57.
 Rush, W. H., 2*G*. 94 Hammond.
 Russell, A. J., 4*C*. D. 26.
 Russell, T. H., 3*C*. 3 St. James Ave.*
 Russell, W. A., 3*C*. Ware 6.
 Rust, F. L. D., 2*M*. 8 Mt. Vernon.*
 Rust, P. D., 1*C*. 5 Scott.
 Ryan, G. W., 1*M*. Harv. Med. Sch.*
 Ryan, J. M., 2*L*. Quincy 12.
 Ryder, A. W., 2*C*. C. 4.
 Ryder, C. E., 2*M*.
 576 Broadway, So. Boston.
 Ryerson, E. W., 2*M*. T. 21.
 SABINE, W. C., *Instr.* C't 17.
 Safford, C. L., 1*G*. 12 Oxford.
 Safford, F. H., 2*G*. 80 Wendell.
 Safford, H. E., 2*C*. Hammond.
 Saldaña, E. E., 3*S*. P. 70.
 Saldaña, M. A., 3*S*. P. 42.
 Salinger, A. D., 3*L*. 22 Mt. Auburn.
 Salmon, H. W., 3*C*. T. 6.
 Saltonstall, E. P., 1*L*. Manter 3.
 SALTONSTALL, L., *Overseer*,
 Chestnut Hill.
 Sanborn, C. F., 1*M*. 1603 Cambridge.
 Sanborn, E. L., 1*C*. Ware 48.
 Sanborn, G. P., 2*C*. H. 15.
 Sanborn, J. W., 3*M*.
 35 Elmore St., Roxbury.
 Sanborn, S. S., 1*L*. Winthrop 22.
 Sand, H. A. L., 4*C*. W. 37.
 Sanders, A. L., 2*C*. 12 Mt. Auburn.
 Sanders, C. E., 2*L*. 43 Irving.
 Sanders, W. H., 1*S*. Manter 4.
 SANDESON, R. L., *Asst. Prof.*
 13 Follen.
 Sandford, E., 1*L*. T. 47.
 Sands, E. P., 2*M*. 91 Worcester.*
 Sanford, A. T., 2*L*. 55 Hammond.
 Sanford, H. L., 3*C*. 52 Mt. Auburn.
 SANTAYANA, G., *Instr.* S. 7.
 SARGENT, C. S., *Prof. and Director*
of Arnold Arbor. Jamaica Plain.
 SARGENT, D. A., *Director of Hem-*
enway Gymnasium, 27 Everett.
 Sargent, J., 4*C*. H'y 18.
 Sargent, P. E., 2*C*. 40 Kirkland.
 Satterlee, H. S., 3*C*. Beck 6.
 Savage, E. L., 1*L*. 1734 Cambridge.
 Savage, J. J., 2*M*. Lowell.
 Saville, H., 2*L*. 57 Shepard.
 Sawin, F. D., 1*S*. E. Watertown.
 Sawtell, J. H., 4*C*. 14 Shepard.
 Sawyer, E. K., 1*M*.
 32 Main St., Somerville.
 Sawyer, G. L., 1*S*. Hilton 84.
 SAWYER, H. E., *Asst.* (also 3*G*.),
 P. 47.
 Sawyer, J. P., 1*S*. S. 28.
 Sawyer, P. B., 1*C*. T. 12.
 Saxman, C. W., 3*S*. W. 29.
 Saylor, R. E., 2*C*. 1130 Mass. Ave.
 Sayre, H., 1*C*. 8 Craigie.
 Sayward, W. H., 1*M*.
 69 Monadnock St., Dorchester.
 Scaife, R. L., 2*C*. Little's 9.
 Scanlan, C. S., 1*S*. 10 Oxford.
 Scannell, D. D., 2*C*. 14 Mellen.
 Schaffner, A. B., 4*C*. 42 Kirkland.
 Schenermann, L., 3*Dn*. 86 Charles.*
 Schereschewsky, J. W., 4*C*. C. 68.

- SCHILLING, H. K., *Asst. Prof.*
4 Langdon.
- Schofield, W. H., 3*G.* P. 60.
- SCHRADER, F. C., *Proctor*, C. 17.
- Schurz, H., 2*C.* W. H. 11.
- Schwab, F. E., *sC.* 1178 Mass. Ave.
- Schwab, S. I., 3*M.* St. Botolph Hall.*
- Schwarz, G. F., 1*L.* G. 2.
- Schwarzenberg, E. M., 1*S.*
Hotel Beacon, Oxford.
- Schweppe, W. H., 1*S.* Ware 1.
- Scott, A., 2*C.* H'y 9.
- Scott, G. C., 3*C.* 12 Mt. Auburn.
- Scott, H. D., 1*C.* Claverly 35.
- Scott, H. R., 2*C.* P. 49.
- Scott, W., 2*S.* D. 9.
- SCUDDER, C. L., *Asst.* 1 Marlboro'.*
- Scudder, G. H., 3*M.* 156 Brattle.
- Scull, G. H., 1*C.* Claverly 14.
- Scull, M. L., 4*C.* Hilton 3.
- Seaman, C. E., 4*C.* 1586 Cambridge.
- SEARLE, A., *Prof.* 41 Concord Ave.
- Sears, C. B., 2*L.* Winthrop 23.
- Sears, F. P., 3*L.* 85 Mt. Vernon.*
- Sears, F. E., 4*C.* G. 52.
- SEARS, G. G., *Asst. M.* 17 Marlboro'.*
- Sears, H. E., 3*M.* 688 Boylston.*
- Sears, H. F., 2*C.*
20 Pinckney St., Somerville.
- Sears, J. H., *sS.* 7 Orne Sq., Salem.
- Sears, L. P., 2*C.* 16 Avon.
- Sears, S. F., 3*C.* P. 32.
- Seasongood, C., 1*L.* M. 17.
- SEAUER, E. P., *Overseer*, Waban.
- Seaver, O. S., 1*S.* C. 61.
- Seelig, M. G., 3*C.* W. 6.
- Seelye, A. M., 1*G.* 54 Garden.
- Segerblom, W., 2*C.* Wakefield.
- Selfridge, H., 1*S.* H'ke 16.
- Sellers, S. C., 2*C.* 104 Mt. Auburn.
- Serex, F., *sS.*
18 Cornwall St., Jamaica Plain.
- Severance, W. E., 4*C.* Brewer's 8.
- Sewall, W. G., *sC.* 25 Holyoke.
- SEYMOUR, A. B., *Asst.* U. M.
- Shackford, M. A. C., 4*C.*
8 Appian Way.
- Shakman, W. A., 2*C.* Trinity 14.
- SHALER, N. S., *Prof. and Dean*
of L. S. S. 25 Quincy.
- Shanahan, T. J., 3*M.* Lawrence.
- Shannon, J. H., 2*C.* 71 Hammond.
- Sharples, P. P., 4*C.* 22 Concord Ave.
- Sharts, J. W., 2*C.* 125 Mt. Auburn.
- SHATTUCK, F. C., *Prof. M.*
135 Marlboro'.*
- SHATTUCK, G. B., *Overseer*,
183 Beacon.*
- SHATTUCK, G. O., *Overseer*,
166 Beacon.*
- Shaughnessy, D. B., *sC.*
276 Cambridge.
- Shaughnessy, W. M. *s V.* Marlboro'.
- Shaw, C. A., 4*C.* T. 51.
- Shaw, E. P., 1*C.* W. Medford.
- Shaw, F. G., 2*C.* Little's 11.
- SHAW, H. B., *Asst.* (also 2*G.*), P. 47.
- Shaw, H. M., *sS.* C't 3.
- Shaw, J. E. N., 1*C.* C. 25.
- Shea, D. J. J., 2*C.* 56 Fayette.
- Shea, James J., 2*C.* H'ke 11.
- Shea, John J., 2*M.* Salem.
- Shea, W. H., 3*L.* P. 51.
- Sheafe, C. M., 1*C.* 19 Irving.
- Shedd, W. H., 3*C.* P. 70.
- Sheehan, M. D., 2*M.*
Winchester St., Brookline.
- SHELDON, E. S., *Prof.* 27 Hurlbut.
- Sheldon, W. H., 4*C.* W. 39.
- Shepard, E. O., 1*C.* P. 39.
- Shepard, L. D., 3*C.* H'y 12.
- Shepard, R. M., *sC.* 5 Linden.
- Shepardson, E. W., *sS.* S. 10.
- Sheppard, J. S., 3*L.* Winthrop 31.
- Sheppard, W. T., 2*C.* M. 81.
- Sherburne, A. E., 1*C.*
1182 Mass. Ave.
- Sheriff, A. R., 3*C.* G. 40.
- Sherwood, H. C., 2*L.* Winthrop 28.
- Shinkwin, T. J., 1*V.* Holyoke.
- Shoenfeld, L. B., 4*S.* Trinity 11.
- Short, L. D., *sC.* 56 Mt. Auburn.
- Shrievies, E. B., 1*Dn.*
159 W. Canton.*
- Shurtleff, A. A., 4*S.* (also B.).
9 W. Cedar.*
- Shwab, F. E., *sC.* 1178 Mass. Ave.
- Sibley, A. H., 1*L.* 10 Oxford.
- Sides, W. H., 2*C.* W. H. 12.
- Sidis, B., 1*G.* C. 54.
- Silverman, A., *sC.* M. 31.
- Simonds, H. R., 3*C.* M. 42.
- Simpkins, R., 2*C.* H'ke 10.
- Simpson, B. N., 1*L.* 55 Trowbridge.
- Simpson, F. S., 4*C.* 1699 Cambridge.
- Sims, H. U., 1*L.* 10 Oxford.
- Singer, E. A., 1*G.* 9 DeWolfe.
- Sise, L. F., 2*C.* 42 Kirkland.

- SKINNER, M. M., *Asst.* (also 1 G.), 12 Mt. Auburn.
 Skinner, P. O., 3 C. 12 Mt. Auburn.
 Skinner, R. C., 2 C. Forest Hill St., Jamaica Plain.
 Skinner, V. V., 1 L. 2849 Washington.*
 SLACK, Miss F. M., *Libr. at M. Z.* 10 Wendell.
 Slade, C. P., 1 C. 57 Brattle.
 SLADE, D. D., *Lect.* Chestnut Hill.
 Slade, L. P., 2 G. 55 Trowbridge.
 Slate, A. W., 1 M. 13 Cherry.*
 Slayton, W. T., *grM.* Brookline.
 Slec, F. C., 2 L. 1727 Cambridge.
 Sleeper, S. W., sS. Little's 5.
 Sloss, S. E., 1 L. G. 48.
 Small, A. E., 3 C. C. 47.
 Small, R. A., 2 G. 154 Shepard.
 Small, R. D., 1 M. 125 High St., Brookline.
 Smart, F. E., 2 M. 25 Claremont Pk.*
 Smart, F. L., sC. 24 Leonard Ave.
 Smith, Conrad, 3 C. H'y 12.
 Smith, C. B., 1 L. Winthrop 15.
 Smith, C. E., 4 C. T. 58.
 SMITH, C. L., *Prof.* 64 Sparks.
 Smith, C. L., 2 C. 64 Sparks.
 Smith, C. N., 1 C. 1727 Cambridge.
 SMITH, E. H., *Lect. Dn.* 283 Dartmouth.*
 Smith, F. C., 1 G. 60 Mt. Auburn.
 Smith, F. H., 3 C. W. H. 1.
 Smith, F. J., 1 V. 73 School.
 Smith, F. P., 2 C. C. 37.
 Smith, Frank S., 4 M. Harv. Med. Sch.*
 Smith, Fred S., 4 M. North Andover.
 Smith, G. E., 3 C. 32 Mellen.
 Smith, G. J., 1 G. 18 Story.
 Smith, G. L., 4 C. M. 50.
 Smith, G. M., 3 C. 21 Putnam Ave.
 Smith, H. L., sS. 7 Sumner.
 Smith, H. S., 1 C. P. 88.
 Smith, H. T., 3 L. 65 Hammond.
 Smith, H. W., 4 C. G. 27.
 SMITH, J., *Prof. L.* 4 Berkeley.
 Smith, J., 3 L. 4 Berkeley.
 Smith, J. C., 1 L. M. 42.
 Smith, Lee K., 1 L. 42 Kirkland.
 Smith, Leonard K., 2 C. C. 2.
 Smith, L. de F., 3 C. M. 20.
 Smith, M. C., 3 Dn. Lynn.
 Smith, M. T., 2 C. C. 2.
 Smith, P. L., 2 C. 44 Brattle.
 Smith, S. J., 1 C. Ware 32.
 Smith, V. H., 1 C. 11 Appian Way.
 Smith, W. A., 4 C. 18 Trowbridge Pl.
 Smith, W. Hemans, 4 C. 19 Greenough Ave.
 Smith, W. Henry, 3 M. 116 Dartmouth.*
 Smith, W. M., 2 C. W. 32.
 Smithwick, H., sC. 6 Mt. Auburn.
 Smithwick, M. P., 4 M. Harv. Med. Sch.*
 Smyser, C. J., 2 M. 6 Wellington Ter., Brookline.
 SMYTH, H. L., *Instr.* 16 Oxford.
 Snell, H. L. W., 4 C. T. 19.
 Snow, C., 2 S. 17 Beacon St., Somerville.
 Snow, F. S., 4 C. W. 20.
 Solomons, L. M., 1 G. 109 Ellery.
 Sornborger, J. D., 3 S. 101 Hammond.
 Sosnowski, P., 4 M. 69 Waverly St., Roxbury.
 Soule, W. S., 3 C. W. H. 6.
 Southard, E. E., 2 C. T. 1.
 Souther, A. B., 2 S. 14 Pembroke St., Somerville.
 Southworth, E. F., sS. T. 18.
 Soutter, R., 1 M. 82 Huntington Ave.*
 Spalding, F. M., 2 M. 8 Scott.
 Spalding, G. H., 3 C. H'ke 13.
 Spalding, R., 1 S. T. 45.
 Spalding, T., 4 C. T. 45.
 Spargo, E. B., 1 C. 122 Oxford.
 Spear, W. M., 3 M. 24 Yarmouth.*
 Spencer, H. B., 4 C. 25 Holyoke.
 Spindler, F. N., 1 G. 12 Howland.
 Spooner, H. C., 1 L. 1 Garden.
 Spooner, H. G., 2 M. 96 Pinckney.*
 Sporborg, W. D., sC. 1750 Cambridge.
 Sprague, A. A., 2 C. Claverly 30.
 SPRAGUE, H. H., *Overseer*, 19 Milk.*
 Sprague, J. H., 1 C. 407 Main St., Charlestown.
 Sprague, O. M. W., 1 G. 40 Kirkland.
 Sprague, R. B., 2 C. H. 20.
 Sprague, R. W., 2 C. 407 Main St., Charlestown.
 Sprague, W. D., 1 G. 148 Austin.
 Spring, J. W., 1 L. 23 Batavia.*
 Spring, S. R., 1 L. Winthrop 14.
 Staab, E. A., 3 C. 1124 Mass. Ave.
 Staab, J., 4 C. 1124 Mass. Ave.

- Stack, C. F., 2*M*. Hyde Park.
 Stackpole, J. L., 4*C*. Manter 6.
 Stackpole, W., 1*C*. Hilton 29.
 Stafford, R. L., 2*C*. M. 23.
 STANDISH, M., *Asst. M.*
 200 Dartmouth.*
 Stanley, H. K., 2*C*. 78 Rutland.*
 Stanley, H. R., 1*C*. 10 Remington.
 STANTON, J. E., *Instr. M.*
 414 Boylston.*
 Stanton, T. L., *grM.*
 130 Dartmouth.*
 Stanwood, F. M., 2*C*. Shepherd 6.
 Starbuck, E. A., 1*C*. Andover.
 Starbuck, E. E., 1*Dr.* 11 Howland.
 Starek, O., 1*G*. C. 34.
 Stark, W. E., 4*C*. 38 Linnaean.
 Starkweather, R. P., 1*M*. Sharon.
 Starr, R. H. E., 3*C*. W. H. 35.
 Stearns, A. K., *sL*. 1727 Cambridge.
 Stearns, J. B., *sC*. 16 Oxford.
 Stearns, L. C., *B*. Mansfield.
 Stearns, R. T., 1*C*. 48 Wendell.
 Stearns, W. N., 2*Dr.* D. 14.
 Stebbins, C. L., 2*C*. 1611 Mass. Ave.
 Steedman, E. H., 3*C*. Beck 46.
 Stein, L. D., 1*L*. 23 Irving.
 Stensland, T., 1*C*. Ware 31.
 Stephens, G., 3*L*. S. 11.
 Stephens, R. D., 2*C*. Ware 26.
 Stepp, J., 2*M*. 45 Westland Ave.*
 Sterling, F. A., 1*C*. 7 Linden.
 Sterling, R. D., 3*S*. 7 Linden.
 Stern, G., 1*L*. 17 Shepard.
 Sternfeld, J., 3*L*. 17 Shepard.
 Stetson, F. E., 2*M*. 93 Mt. Vernon.*
 Stetson, F. W., 2*M*. 5 Oxford Ter.
 Stetson, H. C., 2*L*. 48 Buckingham.
 Stevens, A. W., 2*C*. H'y 23.
 Stevens, C., 4*S*. 26 Gray.
 Stevens, E., 2*C*. H'y 17.
 Stevens, E. J., 1*L*. C't 41.
 Stevens, H. F., 1*L*. 4 Arrow.
 Stevens, R. B., 2*C*. 52 Mt. Auburn.
 Stevens, R. E., 2*M*. Marlboro'.
 Stevens, S. B., *sS*. Ware 5.
 Stevens, W. W., 4*C*. C. 26.
 Stevenson, A. F., 4*C*. T. 21.
 Stevenson, R. H., 2*C*. Little's 10.
 Stevenson, T. G., 3*C*. Read's 26.
 Stevenson, W. F., 2*S*.
 1734 Cambridge.
 Steward, C., 3*C*. C. 50.
 Steward, F. R., 3*C*. C. 50.
 Stewart, F. C., 2*G*. 61 Oxford.
 Stewart, R. A., 2*L*. 61 Oxford.
 Stickney, A., 2*C*. Little's 16.
 Stickney, J. T., 4*C*. Winthrop 13.
 Stiger, E. T., 4*C*. G. 8.
 Stiles, C. F., 2*S*. 69½ Western Ave.
 Stiles, H. K., 4*M*. Newtonville.
 Stillman, C. C., 1*C*. Beck 22.
 Stillman, C. S., 3*C*. Claverly 36.
 Stillman, J. A., 3*C*. Beck 22.
 Stillwagen, F. H., 3*C*. Felton 13.
 Stimson, R. W., 4*C*. Felton 8.
 Stockton, P., 3*C*. Little's 2.
 STODDARD, A. H., *Instr. Dn.*
 196 Marlboro'.*
 Stokes, J. S., 1*G*. 80 Wen-tell.
 Stoll, E. E., 4*C*. 22 Plympton.
 STONE, A. K., *Asst. M.*
 220 Clarendon.*
 Stone, A. P., 2*L*. 24 Harris.
 Stone, B. H., 1*C*. M. 38.
 Stone, F. V., *sC*. C. 55.
 Stone, H. W., 1*V*. Newton Centre.
 Stone, J. W., 3*C*.
 129 Grove St., Mt. Auburn.
 Stone, M. E., 2*C*. Little's 22.
 Stone, R. B., 1*C*. Hilton 16.
 Stone, W. C., 2*L*. E. Watertown.
 STORER, F. H., *Prof. and Dean*
of Bussey Inst. 476 Boylston.*
 STORER, J. H., *Curator of Coins*
in College Library, 85 State.*
 STOREY, M., *Overseer*,
 735 Exchange Building.*
 Storey, R. C., 2*C*.
 Edgell Road, Brookline.
 Storrs, H. R., 3*C*. W. 22.
 Story, O. H., 2*L*. 19 Rutland.
 Stothers, E. M., 1*L*. 20 Ware.
 Stout, R., 1*C*. 28 Creighton.
 Stowell, E. C., 1*C*. C't 23.
 Stratton, F. B., *sV*. Swampscott.
 Straus, P. S., 2*C*. Little's 3.
 Street, A. F., 2*C*. Beck 44.
 Street, G. H., 2*L*. 7 Sumner.
 Strong, L. W., 3*M*. Waban.
 Stuart, G. A., *grM.* Harv. Med. Sch.*
 Stubbs, F. R., 2*M*. 45 Pearl.
 Sturdivant, G. W., 2*M*.
 67 Humboldt Ave., Roxbury.
 Sturgis, C. R., 2*L*. 63 Beacon.*
 Sturgis, J. M., 2*C*. Little's 24.
 Sughrue, D. F., 1*M*.
 61 Julian St., Dorchester.

- Sullivan, C. J., 3L. 1727 Cambridge.
 Sullivan, D., 2C. 24 Mt. Auburn.
 Sullivan, D. A., 2M.
 789 E. Fourth St., So. Boston.
 SULLIVAN, J., *Asst.* (also 1G.), C. 56.
 Sullivan, J. A., 2C. 44 Brattle.
 Sullivan, J. B., 1C. D. 16.
 SULLIVAN, J. J., *Steward Dining Hall*, 80 Inman.
 Sullivan, J. S., 1L. 14 Mellen.
 Sullivan, J. T., 2M. 79 Tyler.*
 Sullivan, W. G., 2M. 22 Yarmouth.*
 Sulloway, R. W., 1C. Ware 18.
 SUMICHRAST, F. C. de, *Asst. Prof.*, 16 Quincy.
 Swain, H. T., 2M. Harv. Med. Sch.*
 Swan, C. H., 2L. 98 W. Newton.*
 Swann, J. B., 1C. C't 23.
 Swanton, J. R., 3C. P. 63.
 Sweet, A. K., sS. 1 Gorham.
 Sweet, J. H., 2M. 130 Chandler.*
 Sweet, W. I., 3Dn. 157 Warren Ave.*
 Sweetser, A. R., 2G. Cliftondale.
 Swezey, A., 3C. 17 Mellen.
 Swengle, J. R., 1L. 1611 Mass. Ave.
 Swezey, R. E., 1L. 69 Oxford.
 SWIFT, J. B., *Asst. M.*, 11 Gloucester.*
 SYLVESTER, J. P., *Asst.* (also 4C.), M. 56.
 Symmes, W. W., 4C. W. H. 16.
 Symonds, H. H., 1V. Beverly.
 TART, E. F., *Instr. Dn.*, 15 Brattle.
 Taft, S. S., 1C. H'ke 47.
 Talbot, H. R., 4C. 17 Story.
 Talbot, L. H., 1C. Ware 16.
 Talbot, R., sC. Hilton 1.
 Talbott, B. L., 2M. Harv. Med. Sch.*
 Talcott, W. A., 1L. W. H. 31.
 Tanner, C., 4S. 17 Beacon St., Somerville.
 Tapper, W. R., 3C. 42 Kirkland.
 Tarr, F. H., 2L. 58 Wendell.
 Tatlock, J. S. P., 3C. G. 13.
 Taylor, C. V., 2C. Trinity 9.
 TAYLOR, E. W., *Asst. M.*, 122 Marlboro'.*
 TAYLOR, F. T., *Instr. Dn.*, 349 Broadway, So. Boston.
 Taylor, H. C., 2C. W. H. 50.
 TAYLOR, J. L., *Clerk in Bursar's Office*, Wadsworth House.
 Taylor, J. R., 3G. 49½ Sacramento.
 Teague, E., 1M. Lowell.
 Teele, A. P., 4C. H'ke 36.
 Teevens, J. J., 1C. W. H. 45.
 TENNEY, B., *Asst. M.* 308 Marlboro'.*
 Tenney, W. N., 4M. 69 Montgomery.*
 Teung, C. L., sS. 15 Avon.
 Thacher, A. G., 2C. Beck 37.
 THAXTER, R., *Asst. Prof.*, 3 Scott.
 Thayer, H. H., 3C. W. 44.
 Thayer, H. W., 1L. 8 Sumner.
 THAYER, J. B., *Prof. L.* 5 Phillips Pl.
 THAYER, J. H., *Prof. Dv.* 67 Sparks.
 Thayer, J. M., sC. W. 31.
 Thissell, B. A., 1V. 57 Clarendon.*
 Thomas, A. F. S., 2C. P. 35.
 Thomas, F. W., 1L. H. 29.
 Thomas, G., 2C. 96 Ellery.
 Thomas, G. H., 4M. 118 Princeton St., E. Boston.
 Thomas, J. W., 3C. 2 Butler Pl.
 Thomas, R. C., 3C. W. H. 19.
 Thomas, V. S., 4C. H'y 15.
 Thompson, F. H., 1C. M. 29.
 Thompson, J. L., 4C. H'y 1.
 Thompson, L. S., 3L. 62 Buckingham.
 Thompson, M. P., 1L. 1597 Mass. Ave.
 Thompson, P. B., 2C. Claverly 23.
 Thompson, R. H., 1M. Brockton.
 Thomson, B. W. S., 3L. 85 Pinckney.*
 Thomson, F. G., 2C. Read's 22.
 Thomson, R. G., 3L. 56 Mt. Auburn.
 THORNDIKE, P., *Asst. M.*, 80 Marlboro'.*
 Thorndike, W., 3M. 80 Marlboro'.*
 Thurber, E. A., 2G. 10 Frisbie Pl.
 Thurston, E. A., 2L. 15 Ware.
 Thurston, E. S., 1C. Claverly 40.
 Thwaites, F. C., 2L. W. H. 24.
 Tiffany, D., 1L. 18 Appian Way.
 Tilden, C. J., 3S. T. 18.
 Tilden, C. S., 1C. P. 50.
 Tilden, I. N., 1M. W. Roxbury.
 Tileston, W., 4C. G. 4.
 TILLINGHAST, W. H., *Asst. Librarian, and Editor of the Quinquennial Catalogue*, 50 Garden.
 Tilton, J. L., 1G. 9 Wendell.
 Tilton, W. P., sS. C. 55.
 Tinker, M. B., 4S. 537 Mass. Ave.*
 Tinkham, G. H., 1L. 20 Prescott.
 Tirrell, E. V. D., 1C. C't 14.

- Tirrell, J. A., 2C. Rockland.
 Tisdell, F. M., 2G. 109 Ellery.
 Tobey, E. N., 2C. 36 Carver.
 Tobey, G. O., 1C. 20 Holyoke.
 Tobin, J. H., 1M. Lawrence.
 Todd, A. S., 2C. 89 Hammond.
 Todd, F. M., 1L. 47 Parker.
 Tompkins, T. D., sS. C't 32.
 Tonjoroff, S. I., 1C. 24 Mt. Auburn.
 Tonks, O. S., 1C. P. 73.
 TORREY, J., *Instr.* 9 Shepard.
 Torrey, J. P., 3M. Harv. Med. Sch.*
 Torrey, W. A., sS. 52 Mt. Auburn.
 Touret, F. H., 2C. T. 62.
 Tower, F. B., 3C. G. 23.
 Tower, M. B., sC. Auburndale.
 Tower, W. L., sS. C. 53.
 Towers, F., 1Dv. 16 Shepard.
 Towner, J. D., 1C. C't 35.
 TOWNSEND, C. W., *Asst. M.*
 61 Chestnut.*
 Townsend, D., 3C. T. 35.
 Townsend, E. S., 3L. 17 Dartmouth St., Somerville.
 Townsend, F., 1L. 52 Brattle.
 Townsend, R. M., 3C. Claverly 54.
 Tozier, C. H., 1S. 80 Thorpe Pl., Somerville.
 Train, A. C., 3C. T. 8.
 Trapp, R. A., 1C. 1560 Cambridge.
 Tripp, P. E., 2L. G. 15.
 Trotter, J. R., 4C. 14 Mellen.
 Trotter, W. M., 4C. C. 57.
 TROWBRIDGE, J., *Prof. and Director*
of Jeff. Phys. Lab. 58 Linnaean.
 Truesdale, P. E., 1M. Fall River.
 Truesdell, W. B., 2C. C. 42.
 Truitt, R. R., 2G. 1106 Mass. Ave.
 TRUSCOTT, F. W., *Proctor* (also
 2G.), 28 Holyoke.
 Trybom, J. H., 3C. 147 Warren Ave.*
 Tucker, E. H., 1V. 99 Sedgwick St., Jamaica Plain.
 Tucker, R., 2C. W. 30.
 Tuckerman, E., 1L. 30 Holyoke.
 Tuckerman, F. L., 1S. Little's 29.
 Tuckerman, L. C., 2C. Little's 30.
 Tudor, H. D., 4C. 60 Mt. Auburn.
 Tudor, W., 2C. 60 Mt. Auburn.
 Turker, T. B., sC.
 Turnbull, D. F., 4S. D. 28.
 Turner, C. H., 1M. 11 Dalton.*
 TURNER, D. L., *Instr.* P. 27.
 Turner, H., 2C. Claverly 4.
 Tuttle, H. A., 1V. Hyde Park.
 Twohey, J. A., sC. 6 Story.
 Twombly, J. F., 2L. 7 Brewster.
 Twombly, W. M., 1M. 781 Parker St., Roxbury.
 Ullman, A. E., 3C. P. 55.
 Underhill, S. G., 1C. 17 Gilman St., Somerville.
 Underwood, L., 2C. Hilton 7.
 UNDERWOOD, W. O., *Lect. V.* Lynn.
 Upham, A. E., 4C. S. 16.
 UPHAM, H. L., *Instr. Dn.*
 128 Charles.*
 Upton, J. D., 2L. Read's 4.
 Upton, R., 2C. 1 Garden.
 Utassy, G. v. 1S. Shepherd 4.
 Utter, R. P., 1C. Hilton 3B.
 Vail, D. R., 2L. Claverly 28.
 Valentine, J. L., 1C. W. 16.
 Valentine, L. B., 1C. Claverly 30.
 Valentine, R. G., 3C. M. 53.
 VanKleeck, W. L., 4C. Little's 7.
 Vaughan, C. B., 1Dn. 231 W. Newton.*
 Vaughan, F. A., 1C. P. 46.
 Vaughan, J. F., 4S. 8 Garden.
 Veo, F. H., 1Dn. Hotel Pelham.*
 Verver, E., 1S. 53 Windsor.*
 Viaux, V., 2C. P. 83.
 VICKERS, E. H., *Asst.* (also 2G.),
 C. 51.
 VICKERY, H. F., *Instr. M.*
 263 Beacon.*
 Viles, J., 3C. P. 66.
 VILLARD, O. G., *Asst.* (also 1G.),
 65 Mt. Auburn.
 Vinal, H. G., 2M. Wellesley.
 Vincent, B., sC. P. 51.
 VINCENT, J. H., *Preacher to the*
University, Topeka, Kan.
 Vincent, W. H., 2C. T. 62.
 VIRTUE, G. O., *Instr.* (also 3G.),
 T. 7.
 Vogel, G. L., 1M. 120 Pembroke.*
 Vogel, J. O., 1M. W. Quincy.
 Vollmer, R., sL. 26 Garden.
 Vosburgh, R. W., sC. 60 Brattle.
 Vose, L. E., 1C. C't 14.
 Vose, R. H., 3M. 22 St. James Ave.*
 Wade, J. R., 1S. 379 Harvard.
 Wade, R. B., 2L. Winthrop 27.
 Wadley, G. P., sS. W. H. 8.
 Wadsworth, A. C., 1S. Woodbridge.

- Wadsworth, C. S., 3C. Beck 1.
Wadsworth, C. W., sS. Beck 1.
Wadsworth, E., 1C. 432 Main.
WADSWORTH, O. F., *Prof. M.* 393 Boylston.*
Wadsworth, R. G., 3C. Claverly 51.
Walcott, C., 3L. 85 Sparks.
WALCOTT, H. P., *Fellow*, 11 Waterhouse.
Walcott, P. K., 2C. W. H. 18.
Walcott, R., 4C. 11 Waterhouse.
Waldo, F. L., 1C. 2 Phillips Pl.
Wales, E. de W., sS. W. H. 16.
Walker, A. S., 1S. Ware 50.
Walker, B., 4C. Hilton 38.
Walker, C. C., 1L. W. H. 34.
Walker, D. H., 1M. 23 Dartmouth.*
Walker, H. P., 2S. 1727 Cambridge.
Walker, W. D., 2C. M. 32.
Walker, W. H., 3L. 17 Shepard.
Wallace, A., 1C. Claverly 1.
Wallingford, P. F., 1V. Waltham.
Walsh, E. de W., 1C. Read's 20.
Walsh, T., 4C. 10 Oxford.
WALTON, G. L., *Instr. M.* 199 Marlboro'.*
Walton, W. J., 2M. 12 Bullard St., Dorchester.
Walz, J. A., 1G. 80 Mt. Auburn.
WAMBAUGH, E., *Prof. L.* 29 Hammond.
Ward, G. C., 1C. 94 Prescott.
WARD, H., *Lectr.* London, Eng.
Ward, J. C., 3C. 19 Irving.
Ward, P. M., 1M. 4 Concord Sq.*
WARD, R. De C., *Asst.* 415 Beacon.*
Warden, R. A., 1M. 131 St. Botolph.*
Wardwell, H. F., 1C. T. 50.
Ware, H., 2L. Brookline.
Ware, R., 1G. 958 Mass. Ave.
Warner, E., 1C. Felton 24.
Warner, R. S., 1C. G. 32.
Warren, C. H., 2C. 33 Chestnut Hill Ave., Brighton.
Warren, E. H., 4C. M. 19.
Warren, G. A., 1Dn. Newton.
WARREN, H. L., *Asst. Prof.* 9 Park.*
Warren, John, 3C. Claverly 43.
Warren, Joseph, 2C. Claverly 82.
WARREN, J. COLLINS, *Prof. M.* 58 Beacon.*
Warren, J. P., 3C. 1460 Washington.*
Warren, P., 3C. Trinity 5.
Washburn, F. A., 3M. 85 Pembroke.*
WASHBURN, G. H., *Instr. M.* 802 Marlboro'.*
Washburn, J. M., 4C. H'y 21.
Washburn, M. C., 2M. Tyngsboro'.
Washburn, P., 4C. W. 4.
Waterhouse, E. M., 2C. 42 Kirkland.
Waterhouse, W. E., 1C. H. 1.
Waterman, G. A., 4C. M. 41.
Waterman, H. W., 2C. H. 27.
Waterman, J. S., sS. 27 Ellery.
Waters, B. G., 1L. 314 Marlboro'.*
Waters, E. A., 1C. P. 75.
Watkeys, F. W., 3M. 14 Hathorn St., E. Somerville.
Watrisa, F. N., 2L. 78 Mt. Auburn.
WATSON, B. M., *Instr. B.* Jamaica Plain.
Watson, F. G., 1M. 219 Roxbury St., Roxbury.
WATSON, F. S., *Instr. M.* 263 Clarendon.*
Watson, G. H., 2C. Little's 19.
Watson, R. J., 2L. Winthrop 29.
Way, C. A., 1L. Ct 7.
Weatherby, C. A., 2C. 65 Hammond.
Weaver, W. E., sC. C. 45.
Webb, W. L., 2L. D. H. 5.
Webber, H. A., 3M. Beverly.
Weber, H., 1L., 43 Irving.
WEBSTER, H., *Proctor* (also 5G.), H'ke 7.
Weeks, L. C., 1V. Falmouth.
Weeks, W. J., 2M. 130 Chandler.*
Weil, A. I., 1M. 165 W. Canton.*
Weill, A. S., 4C. M. 17.
WEINSCHENK, F. W., *University Printer*, 35 Trowbridge.
Weis, J. D., 1M. St. Botolph Hall.*
Weitzel, G. T., 1L. W. 2.
Welch, F. H., 1L. 29 Sacramento.
Weld, C. M., 2C. M. 51.
Weld, F. M., 2C. M. 51.
WELD, S. M., *Overseer*, 89 State.*
Wellington, A. J., 2L. Arlington.
Wellington, H. W., 1S. W. H. 5.
Wells, E. H., 2C. Claverly 32.
Wells, P. B., 1C. 1727 Cambridge.
Welsh, J. P., 2C. Claverly 10.
Wendell, A. R., 3C. H. 16.
WENDELL, O. C., *Asst. A. O.* 74 Vassal Lane.
Wennuberg, F. J., 1M. 47 Milford.*

- WENTWORTH, A. H., Asst. M.** 10 Exeter.*
WENTWORTH, C. T., Asst. T. 59.
 (also 1 G.), Chelsea.
Wentworth, H. W., 2M. Ware 8.
Wentz, D. B., sS. Little's 17.
Wertheimer, A., 4C. M. 22.
West, L. J., 3C. M. 44.
West, S. P., 2C. C. 23.
Westcott, F. P., sC. C't 44.
Westheimer, B. S., sC. 81 Oxford.
Weston, G. B., 2C. G. 44.
Weston, G. D., 2C. M. 35.
Weston, T., 4C. Claverly 2.
Wetmore, A. L., 1L. Claverly 17.
WETMORE, E., Overseer, New York, N. Y.
Wheatland, R., 4C. T. 32.
Wheeler, C. N., 3C. C't 10.
Wheeler, J. H., 3C. C't 21.
Wheeler, P. M., 1G. Ware 50.
Wheeler, S. W., 1S. 3C. 58 Mt. Auburn.
Wheelock, H. L., 3C. 51 Wendell.
Wheelock, W. H., 1C. 18 Appian Way.
Whicher, J. T., 4C. H'y 1.
Whipple, F. L., grDo. D. 42.
White, A. W., sC. W. H. 1.
White, C. A., 3C. C. 70.
White, C. B., 3C. 51 Wendell.
White, D. G., 1V. Houghton St., Dorchester.
White, E. D., 1C. Ware 35.
White, F. B., 1G. 6 Phillips Pl.
White, Frank C., 1C. P. 12.
White, Frederick C., 1C. 6 Phillips Place.
White, H., 1Do. D. 36.
White, H. T., 2C. 48 Brattle.
White, J. A., 3C. S. 26.
WHITE J. C., Prof. M. 259 Marlboro'*.
WHITE, J. W., Prof. 18 Concord Ave.
White, M. W., 1M. E. Weymouth.
White, N. H., 4C. M. 33.
White, O. C., 3S. H'ke 37.
White, S. P., 4C. T. 20.
White, Walter H., 1Dn. Malden.
White, William H., 1M. Somerville.
White, W. T., 1V. 17 Pratt St., Allston.
Whiteside, A., 4C. Claverly 55.
Whiteside, G. S., 2M. 6 Newbury.*
Whitfield, H. D., 1S. 31 Holyoke.
Whitfield, J. C., sS. 58 Hammond.
Whitford, E. D., 2L. P. 82.
Whitford, R. A., 1C. P. 82.
Whiting, C. F., 2C. 1 Garden.
Whiting, E. E., 1C. Felton 20.
Whiting, G., 3C. 24 Holyoke.
Whiting, H. E., 3S. 11 Ware.
Whiting, S. E., 3S. 11 Ware.
Whitman, H. G., 1L. 378 Harvard.
Whitman, R. L., 3C. H'y 18.
Whitman, W., 2C. Warland 15.
Whitmore, C. E., 1G. 21 Trowbridge.
Whitmore, Holmes, 4C. H. 12.
Whitmore, Howard, 4C. H. 12.
Whitney, G. F., sC. 25 Holyoke.
WHITNEY, J. D., Prof. 2 Divinity Ave.
Whitney, L. L., 1C. C. 25.
Whitney, M. W., 4C. S. 32.
Whitney, R. M., 2C. C. 48.
WHITNEY, W. F., Prof. and
Cur. Anat. Mus. 228 Marlboro'*.
Whitney, W. J., 1G. H. 10.
Whiton, J. P., 1S. Arnold Circle.
Whittall, M. P., 1S. Quincy 1.
Whittemore, F. B., 3C. 17 Bigelow.
Whittemore, J. K., 4C. 27 Holyoke.
Whittemore, P. W., 4C. T. 49.
Whittier, C. B., 2L. 47 Wallace.
WHITTLE, C. L., Asst. 90 Hammond.
Whittren, J. P., 3S. C. 7.
Whoriskey, R., 2C. 17 Winter.
Wicks, F. S. C., grDo. 10 Howland.
Wiggin, J., 2L. H'ke 50.
Wight, A. E., 1V. Medfield.
Wilbour, W. F., 3C. W. H. 5.
Wilbur, H. B., 2C. 53 Trowbridge.
Wilcomb, C. J., 1Do. 20 Ware.
Wilcox, E. V., 3G. 12 Quincy.
Wilcutt, J. M., sS. W. 38.
Wilder, D. P., 4C. W. 28.
Wilder, H. J., sC. C. 10.
Wilder, H. M., 2S. 9 Wendell.
Wilder, J. A., 2L. 69 Mt. Auburn.
Willard, H. F., 3M. 439 Quincy St., Dorchester.
Williams, A. H., 2M. Ware 51.
Williams, A. S., 4C. H'ke 27.
Williams, C. A., 1G. 1689 Cambridge.
Williams, Charles H., 1S. W. H. 10.
Williams, Creighton H., 1C. Ware 51.

- Williams, D. G., 3*M.* 90 Appleton.*
 Williams, E. B., 1*Dn.* Malden.
 Williams, E. P., 4*C.* 5 Felton.
 WILLIAMS, F. B., *Instr.* (also
 3*L.*), T. 29.
 Williams, F. S., 2*C.* Waltham.
 Williams, H., 1*M.*
 Boylston St., Brookline.
 Williams, H. E., 2*M.* Newtonville.
 Williams, H. L., 2*C.* Beck 32.
 Williams, H. W., 1*S.* 29 Chestnut.*
 WILLIAMS, J. B., *Publication Agt.*
 Channing Place.
 Williams, L., 1*S.* Quincy 9.
 WILLIAMS, M., *Overseer*,
 18 Post Office Sq.*
 Williams, R. B., 3*C.* Claverly 50.
 Williams, S. P., 2*C.* M. 13.
 Williams, T. S., 3*C.* 7 Linden.
 Williams, W. L., 3*L.* 104 Pembroke.*
 Williams, W. T. B., 2*C.* C. 9.
 Willis, C. A., 3*M.* Waltham.
 Willis, D. F., 2*M.* Waltham.
 Willis, E. G., 1*L.* 120 Brattle.
 WILLISTON, S., *Asst. Prof. L.*
 45 Garden.
 WILLSON, R. W., *Instr.* 64 Brattle.
 Wilson, C. R., 3*C.* Felton 15.
 Wilson, C. S., 2*C.* W. H. 44.
 Wilson, F. C., 1*C.* P. 18.
 Winchester, F., 1*C.* 1270 Mass. Ave.
 Wing, C. S., 2*L.* H'ke 25.
 Wing, H. M., 1*L.* Melrose.
 WINSHIP, G. P., *Asst.* (also 2*G.*),
 Hilton 23.
 Winslow, A. N., *sC.* M. 47.
 Winslow, C. F., 1*G.*
 188 School St., Jamaica Plain.
 Winslow, C. G., 3*L.* 48 Brattle.
 Winslow, F. B., 1*G.* M. 47.
 WINSLOW, K., *Asst. Prof. V.*
 135 Vernon St., Newton.
 WINSOR, J., *Librarian*, 74 Sparks.
 Winthrop, B., 2*C.* Beck 38.
 Winthrop, R. M., 4*C.* 9 Bow.
 Wise, A. H., 1*C.* C't 11.
 WITHINGTON, C. F., *Instr. M.*
 1 Elm Hill Ave., Roxbury.
 Witte, M., 1*L.* 54 Pleasant.
 Wolcott, O. A., *sC.* 303 Broadway.
 WOLCOTT, R., *Overseer*,
 945 Exchange Building.*
 WOLFF, J. E., *Asst. Prof.*
 University Museum.
 Wolfe, W. B., 4*C.* 24 Follen.
 Wollaege, G., 4*C.* H'ke 24.
 Wonson, W. T., 3*C.* W. H. 59.
 Wood, C. B., 1*S.* H'ke 38.
 Wood, C. D., 1*G.* 54 Garden.
 Wood, E. B., 3*Do.* D. 2.
 Wood, E. S., *Prof. M.*
 220 Marlboro'.*
 Wood, H., 1*C.* H'ke 88.
 Wood, J. F., 1*C.* Felton 81.
 Wood, J. Q., 2*L.* 32 Mellen.
 Wood, J. W., 1*S.* 40 Arlington.
 Wood, L. I., 1*G.* 94 Wendell.
 Wood, L. J., 2*L.* 68 Gorham.
 Wood, N. K., 2*C.*
 13 Greenville St., Somerville.
 Wood, N. R., 1*C.*
 52 Harrison St., Brookline.
 Wood, S. W., *sC.* 11 Appian Way.
 Wood, W., 1*C.* W. H. 41.
 Woodbridge, F., *sC.* 62 Trowbridge.
 Woodbury, F. T., 3*M.*
 374 Columbus Ave.*
 Woodbury, H. E., 1*M.*
 125 Pinckney.*
 WOODCOCK, F. H., *Instr. Dn.*
 2 Park Sq.*
 Woodman, H. C., 1*Dn.*
 20 Copley St., W. Roxbury.
 Woodman, J. E., 2*S.* 66 Hancock.
 Woodman, W. P., 4*C.* 378 Harvard.
 Woodman, W. H., 2*L.* Melrose.
 Woodruff, H. M., *sC.* Ware 26.
 Woods, A. S., 1*C.* W. 48.
 Woods, C. M., 1*C.* 48 Irving.
 Woods, F. A., 1*M.*
 936 Beacon St., Brookline.
 Woods, H. R., 4*C.* W. 20.
 Woods, W. S., 3*L.* H. 4.
 Woodward, F. L., *sS.* P. 22.
 Woodward, R. F., 4*C.* H'ke 34.
 Woodward, W., 1*C.* Claverly 3.
 WOODWORTH, J. B., *Instr.*
 7 Rutland.
 Woodworth, R., 2*L.* Felton 27.
 WOODWORTH, W. McM., *Instr.*
 149 Brattle.
 WORCESTER, C. P., *Asst. and*
Sec. of Med. Fac. 688 Boylston.*
 Wormelle, C. B., 1*M.*
 6 Menlo St., Brighton.
 Wormelle, W. W., 2*C.*
 6 Menlo St., Brighton.
 Worthington, A. M., 3*M.* Dedham.

Worthington, J. W., 4C.	T. 45.	Wyman, B., 2C.	F. 1.
Wrenn, G. L., 3C.	H'y 3.	Wyman, F., 1C.	26 Garden.
Wrenn, R. D., 4C.	Hy 3.	Yeames, H. H., 4C.	T. 24.
Wright, C. I., 1C.	M. 2.	York, C. F., 2Dn.	Rockport.
Wright, C. S., 4M.	25 Cambridge.*	York, H. L., 1M.	
Wright, F. R., 1C.	Ware 24.		854 Dorchester Ave.*
Wright, H. C., 2Dv.	D. 4.	Yorston, F., 4C.	86 So. Russell.*
WRIGHT, J. H., Asst. M.		Yost, J. D., 2M.	8 Follen.*
(also 2G.),	38 St. Botolph.*	YOUNG, C. L., Instr.	M. 7.
Wright, R. I., sS. 14	Greenough Ave.	Young, D. T., sC.	94 Brattle.
Wrightington, E. N., 2C.	H. 9.	Young, E. B., 3M.	85 Pembroke.*
Wrightington, S. R., 2C.		Young, F. L., 2L.	S. 3.
	18 Trowbridge.	Young, J. F., 3M.	25 Cambridge.*
Wurts-Dundas, R., 2L.		Youngman, W. S., 4C.	W. H. 61.
	1784 Cambridge.	Zabala, J., 1M.	111 Pembroke.*
Wyer, H. G., 3C.	T. 19.	Zanetti, E. A., 2C.	W. H. 56.
WYLLIE, N. P., Asst. Demonstr. Dn.		Zeigler, I., sC.	72 Wendell.
	159 Newbury.*		

INDEX.

- Abbreviations, 11.**
Academic Year, 9-11, 31.
Acts, relating to the Corporation and Board of Overseers, 15-28.
Administrative Boards, College, 151.
 Graduate School, 293.
 Lawrence Scientific School, 247.
Administrative Officers, 12.
Admission to Bussey Institution, 469.
 College, 195.
 Dental School, 436.
 Divinity School, 344.
 Graduate School, 310.
 Law School, 369, 375.
 Medical School, 397.
 Scientific School, 257.
 Veterinary School, 462.
Advanced Standing in College, 206.
 Dental School, 436.
 Divinity School, 344.
 Law School, 372.
 Medical School, 417.
 Scientific School, 264.
 Veterinary School, 461.
Advisers, 213, 214.
Agriculture, Instruction in, 467.
Anatomy, 116, 122, 125, 281, 288, 399, 406, 408, 418, 423, 435, 440, 464-460, 496, 504.
Anatomical Prize, 418.
Ancient Languages, Courses in, 65-75.
Annual Appointments for 1894-95, 43.
Anticipation of College Studies, 206.
Arabic, Courses in, 66.
Aramaic, Courses in, 66, 339, 340.
ARBORETUM, 535.
Archaeology, Museum of, 529.
Art. See Fine Arts.
Assistants, 48.
Assyrian, Courses in, 66, 339.
Astronomy, Courses in, 104, 267; for Admission to College, 200; Scientific School, 259.
ASTRONOMICAL OBSERVATORY, 533.
Athletic Buildings, 538.
Athletic Sports, Committee on the Regulation of, 537.
Bachelors' Degrees. See Degree.
Bacteriology, Instruction in, 399, 406, 408, 413, 415, 416.
Barringer Scholarships, 419.
Beneficiary Funds, 239.
Bennett Prize, 150.
Biblical Study, Courses in, 339, 340.
Bills. See Expenses.
Biology, Courses in, 114-121, 279-282.
Board. See Expenses.
Bonds, 31. See also Expenses.
Boston Dispensary, 414.
Boston Lying-in Hospital, 414.
Botany, Courses in, 114, 281, 285-287, 458, 467.
 for Admission to Medical School, 397.
 Summer course in, 124, 492.
BOTANIC GARDEN, 4
Bowdoin Prize Diss.
Boylston Medical P.
Boylston Prizes for
Bullard Fellowships
Bursar's Office, 12.
Bussey Farm, 468.
BUSSEY INSTITUTION
Calendar, 9-11.
Candidacy for High
Certificates required
 nation for Adm
Certificates of Chars
CHAPEL, 513.
Charter of the Colle
Cheever Scholarship
Chemical Laborator
Chemistry, Courses
 278, 287, 437, 45
 Agricult
 for Adm
 209,
 to Sci
 261.
 to Me
 Honors
 Honora
 Medical
 Summe
Children, Instructi
 425.
Choice of College st
Church History, Co
City Hospital, Bos
Civil Engineering,
Class Day, 10.
Classics, Courses in
 for Admission
 Honors in the
Clinical Advantage
Clinical Instruction
 Med
 4
 Vete
 4
Clinical Instructors
COLLEGE, 151.
 Office of D
 Statutes of
Commencement Di
 Pa
Committees of the
 en
 of the
Comparative Liter
Comparative Relig
Concerts, 142.
Conferences, Mode
 Geol
 Philo
 Sana

- Cookery, Course in, 288, 412.
Corporation, 34.
 Meetings of, 9.
 Office of, 12.
Cosmology, 88. *See* Philosophy.
Council of Library, 33, 515.
Courses of Instruction. *See* Instruction.
Crystallography. *See* Chemistry.
Dante Prize, 145, 573.
Deans, Duties of, 31.
Degree of Bachelor of Arts, 216, 319, 552, 557.
 Bachelor of Agricultural Science, 469, 552.
 Bachelor of Divinity, 343, 547.
 Bachelor of Laws, 371, 548, 557.
 Bachelor of Science, 289, 552, 557.
 Doctor of Dental Medicine, 446, 551.
 Doctor of Medicine, 418, 549, 550.
 Doctor of Philosophy, 320, 543.
 Doctor of Science, 320, 545.
 Doctor of Veterinary Medicine, 463, 552.
 Master of Arts, 319, 343, 372, 543, 545, 557.
Degrees conferred in 1894, 543.
 Statute in regard to, 31.
Demonstrators, 43.
Dental Faculty, Office of Dean of, 13.
DENTAL SCHOOL, 430.
Dentistry, Instruction in, 437.
 Books of Reference in, 441.
 Instruments in, 446.
Departmental Libraries, 515.
Departments of the University, List, 29, 54.
Deputy Treasurer, Duties of, 29.
Dermatology, 405, 410, 412, 423.
Deturs, 226, 574.
Dining Association, 240.
Directory of Offices, 12.
 of Officers and Students, 578.
Dismissal, 32.
DIVINITY SCHOOL, 32, 335.
Division of Entrance Examination, 203, 261.
Divisions and Departments of the Faculty of Arts and Sciences, 60.
Division of Students, in Dental School, 445.
 Medical School, 417.
 Veterinary School, 461.
Division of Studies, in Medical School, 399.
 Veterinary School, 454.
Doctors' Degrees. *See* Degree.
Drawing, 99, 104, 105, 266-277, 481.
Economics, Courses in, 96.
Elective Studies in College, 64-125.
 Anticipation of, 205.
 identical with advanced entrance studies, 196.
 open to Freshmen, 212.
Electrical Engineering, Course in, 208, 483.
Elocution, Prizes for, 226, 574.
 Instruction in, 76, 342.
Embryology, Courses in, 400, 405, 408, 422, 438, 439.
Engineering, Instruction in, 103-110, 266-275.
 Summer Courses in, 124, 482.
English, Courses in, 75-79, 473.
 for Admission to College, 197, 206.
 to Dental School, 436.
 to Law School, 369.
 to Medical School, 397, 399.
 to Scientific School, 257.
 to Veterinary School, 462.
English, Honorable Mention in, 225.
 Honors in, 220.
 Summer course in, 473.
Ethics, Courses in, 89, 90, 342.
Ethiopic, Course in, 66.
Ethnology, Museum of, 529.
Evening Readings, 132.
Examination Groups, 126.
Examination for Women, 508.
Examinations for Admission. *See* Admission.
Examinations in Dental School, 445.
 Medical School, 415.
 Veterinary School, 460.
Expenses, Bussey Institution, 470.
 College, 196, 240.
 Dental School, 446.
 Divinity School, 346.
 Examination for Women, 509.
 Graduate School, 332.
 Law School, 373.
 Medical School, 420, 422.
 Scientific School, 263, 290.
 Schools Examination Board, 512.
 Summer Schools, 472, 483, 492, 497.
 Veterinary School, 464.
Expulsion, 32.
Eye and Ear Infirmary, 414.
Faculties, 30.
Faculty, Arts and Sciences, 55.
 Dental School, 430.
 Divinity School, 335.
 Law School, 350.
 Medical School, 379.
 Observatory, 533.
 Veterinary School, 451.
 Zoological Museum, 523.
Farming, Instruction in, 466.
Fees. *See* Expenses.
Fellows of the College, 34.
Fellowships, 290, 323, 346, 419.
 Holders of, 566, 572.
Fine Arts, Courses in, 98.
Fines, 32.
Forensics, 76.
 Substitution of Theses for, 213.
Forestry, Instruction in, 535.
Foundation of the College, 15.
Foxcroft Club, 240.
Free Hospital for Women, 414.
French, Courses in, 83.
 for Admission to College, 199, 201.
 to Dental School, 436.
 to Law School, 369, 377.
 to Medical School, 397, 399.
 to Scientific School, 258.
 to Veterinary School, 462.
 Honorable Mention in, 225.
 Honors in, 220.
 Summer Courses in, 123, 476.
Freshman Year, Studies of, 206, 212.
 Elective courses of, 213.
Genito-urinary diseases, Instruction in, 412.
Geology, Courses in, 117, 279.
 Summer Courses in, 125, 494.
German, Courses in, 79.
 for Admission to College, 199, 201.
 to Dental School, 436.
 to Medical School, 397.
 to Scientific School, 258.
 to Veterinary School, 462.

- German, Honors in, 218, 220, 560, 565.
 Honorable Mention in, 225, 561.
 Summer Courses in, 123.
 Goodwin Memorial Fellowship, 328, 567.
 Gothic, Course in, 82.
 Government of the University, 15, 33.
 GRADUATE SCHOOL, 293.
 Graduates, Instruction for. *See* Instruction.
 Graduates, Resident. *See* Resid. Graduates.
 Greek, Courses in, 68-75.
 for Admission to College, 196, 199, 201.
 to Divinity School, 344.
 Honorable Mention in, 225, 561.
 Honors in, 218, 220, 260, 266.
 Gymnasium, 536.
 Gynaecology, 411, 412, 424.
 Harris Fellowship, 324, 566.
 Harvard, John, Bequest of, 15.
 Hayden Scholarship, 420.
 Hebrew, Courses in, 65, 339.
 HERBARIUM, 532.
 Histology, Instruction in, 400, 408, 422, 438, 439.
 History, Courses in, 92, 339, 341.
 for Admission to College, 199.
 Scientific School, 258.
 Honorable Mention in, 225, 561.
 Honors in, 219, 223, 560, 565.
 Homiletics, Courses in, 342.
 Honorable Mention, 224, 561.
 Honorary Degrees, 81, 543.
 Honors, 218, 560, 565.
 Hopkins Foundation, 226.
 Hopkins Fund, 845.
 Horticulture, Instruction in, 467.
 Hospital Appointments, 414.
 Hospital, Veterinary, 459.
 Hospitals, 413.
 House-officers at hospitals, Examination of, 416.
 Hygiene, Instruction in, 122, 286, 405, 409, 413, 425.
 Indo-Iranian Languages, Courses in, 67.
 Instruction. *See the various subjects*, Latin, Mathematics, &c.
 Instruction for Graduates, 312.
 in Medical School, 421.
 Instructors, 36.
 International Law, Courses in, 95.
 Italian, Courses in, 86.
 Italian and Spanish, Honorable Mention in, 225, 561.
 Jewish Aramaic, Course in, 339.
 Kirkland Fellowship, 326, 566.
 Laboratories (*see* Chemistry, Physics, and Natural History).
 Latin, Courses in, 69-75.
 for Admission to College, 196, 199, 201.
 to Dental School, 436.
 to Divinity School, 344.
 to Law School, 369, 377.
 to Medical School, 397.
 to Veterinary School, 462.
 Honorable Mention in, 225, 561.
 Honors in, 218, 220, 560, 565.
 Law, Courses in, 367.
 for Admission to Law School, 369, 377.
 Law Faculty, Office of Dean of, 12.
 Law, Roman, 95, 96.
 LAW SCHOOL, 350.
 LAWRENCE SCIENTIFIC SCHOOL, 247.
 Lectures, Public, 132.
 Lee Memorial Fellowship, 328, 567.
 Legal Medicine, Instruction in, 406, 413, 425.
 Librarian, duties of, 33.
 Library, Bussey, 469.
 Botanical, 532.
 College, 33, 514, 516.
 Library, Council of, 33, 516.
 Divinity, 343.
 Law, 374.
 Medical, 417.
 Museum, 525, 530.
 Observatory, 533.
 Special, 314, 515.
 University, 515-518.
 Veterinary School, 462.
 Lithology. *See* Chemistry.
 Loan Fund, 239.
 Logic. *See* Philosophy.
 Marine Hospital, 414.
 Massachusetts Char. Eye and Ear Inf., 414.
 Massachusetts General Hospital, 413.
 Master's Degree. *See* Degrees.
 Materia Medica, 401, 409, 439, 440, 455, 458.
 Mathematics, Courses in, 100, 124, 266-284, 480.
 Mathematics, for Admission to College, 196, 200, 202.
 to Dental School, 436.
 to Medical School, 397.
 to Scientific School, 259, 260.
 to Veterinary School, 462.
 Honorable Mention in, 225, 561.
 Honors in, 219, 223, 560, 565.
 Mechanics, Instruction in, 101, 104-109, 266-284.
 Medical Chemistry. *See* Chemistry.
 Medical Faculty, Office of Dean of, 13.
 Medical Prizes, Boylston, 428.
 MEDICAL SCHOOL, 379.
 Medicine, Summer Courses in, 427, 501.
 Text-books in, 405.
 Theory and Practice of, 402.
 Meetings of Board of Overseers, 9-11.
 Corporation, 9.
 Memorial Hall Dining-Room, 240.
 Mental Diseases, 411, 424.
 Metaphysics. *See* Philosophy.
 Meteorology, 117, 279, 285.
 Mineralogical Museum, 526.
 Mineralogy. *See* Chemistry.
 Modern Languages, Courses in, 75-88.
 Modern Literature, Honors in, 220, 560.
 Morgan Fellowships, 327, 567.
 Munroe Fund, 239.
 MUSEUM OF AMERICAN ARCHAEOLOGY AND ETHNOLOGY, 527.
 MUSEUM OF COMPARATIVE ZOOLOGY, 523.
 Museum, Veterinary, 460.
 Music, Courses in, 100.
 Honorable Mention in, 224, 561.
 Honors in, 223, 560.
 Natural History, Collections, 525, 532.
 Honorable Mention in, 225, 561.
 Honors in, 224, 560.
 Nervous Diseases, Instruction in, 405, 411, 424, 436, 441.
 OBSERVATORY, 523.
 Obstetrics, Instruction in, 404, 411, 412, 423.

- Obstetrics, Veterinary, 456, 459.
 Office, Tenures of, 30.
 Officers, Administrative, 12.
 of Instruction and Government, 36.
 Ophthalmology, 404, 412, 423, 456, 458.
 Optics. *See* Physics.
 Optional Examinations for Admission to
 College, 205.
 Oral Discussion, Course in, 76, 140.
 Oral Anatomy and Physiology, 438, 440.
 Osteology, Comparative, Course in, 116.
 Otology, Instruction in, 405, 412, 423.
 Otology Prize, 419.
 Overseers, 34.
 Overseers, Committees appointed by, 540.
 Division into Classes, 24, 25, 23.
 Meetings of, 9-11.
 Organization of, 25.
 Paine Fellowship, 328, 567.
 Paine Prizes, 147.
 Palaeontology, Courses in, 119, 120.
 Pali, Course in, 67.
 Parasitic Diseases, Instruction in, 456, 458.
 Parietal Board, 32, 63.
 Parker Fellowships, 326, 566.
 Pathology and Pathological Anatomy, 401,
 409, 413, 423, 440, 442, 454, 458.
 PEABODY MUSEUM, 527.
 Pecuniary Aid, College, 227.
 Divinity School, 344.
 Graduate School, 323.
 Law School, 373.
 Medical School, 419.
 Scientific School, 289.
 Pediatrics, Instruction in, 404, 411.
 Petrography, Course in, 118, 120.
 Philosophy, Courses in, 89.
 Honorable Mention in, 224, 561.
 Honors in, 219, 560.
 Phoenician, Course in, 66.
 Physic, Theory and Practice of, 410.
 Physical Geography, 117, 118.
 Physical Laboratory, 621.
 Physical Training, 122, 536.
 Summer Course in, 496.
 Physics, Courses in, 110, 266-278.
 for Admission to College, 200, 202.
 to Dental School, 436.
 to Medical School, 397.
 to Scientific School, 256, 260.
 Honorable Mention in, 225, 561.
 Honors in, 219, 223, 560, 565.
 Summer Courses in, 124, 484.
 Physiology, 122, 400, 408, 422, 437, 439, 454,
 457.
 Play Grounds, 539.
 Political Economy, Courses in, 96, 97.
 Political Science, Honors in, 223, 560.
 Honorable Mention in, 224,
 561.
 Postponing Examination for Admission to
 College, 204.
 Preachers to the University, 32, 43, 513.
 Preliminary Examination for Admission to
 College, 204.
 Prescribed Studies, 206, 212.
 Examinations on, 210.
 President, Duties of, 29.
 President and Fellows. *See* Corporation.
 President's Office, 12.
 Price Greenleaf Aid, 238.
 Prices of College Rooms, 245.
 Prizes, 143, 236, 290, 351, 418, 419.
 Awards of, 572.
 Proctors, 48, 68.
 Provengal, Course in, 87.
 Psychology, 68, 90, 123. *See also* Philosophy.
 Railway Transportation, Course on, 97.
 Readings, Public, 132.
 Regent, 32.
 Office of, 12.
 Registration, in College and Schools, 31, 211,
 265, 311.
 Religion, Comparative, Courses on, 90, 341.
 Philosophy of, Courses on, 90, 342.
 Religious Services, 32, 515.
 Residence at the University, 311.
 Resident Graduates in Arts and Science, 293.
 in Divinity, 336.
 in Medical School, 383.
 Rhetoric, Course in, 75.
 Rogers Fellowships, 325, 566.
 Rogers Memorial Fellowship, 328, 567.
 Roman Law, Course in, 95, 96.
 Romance Philology, 87.
 Rooms, Assignment of, 242.
 Prices of, 244. *See also* Expenses.
 Sales Prize, 149, 574.
 Sanskrit, Courses in, 67.
 Conference, 67.
 Honors in, 220, 560.
 Honorable Mention in, 224, 561.
 Sargent Prize, 146, 573.
 Scholarship, Scales of, 216.
 Scholarships. *See* Pecuniary Aid.
 Holders of, 566.
 SCHOOLS EXAMINATION BOARD, 511.
 SCIENTIFIC SCHOOL, 247.
 Second-Year Honors, 218, 565.
 Secretary's office, 12.
 Seminaries, 66, 73, 83, 92, 94, 96, 340, 341.
 Semitic Languages, Courses in, 56.
 Honors in, 220, 560.
 Honorable Mention in, 224,
 561.
 Semitic Museum, 531.
 Seminary, 66, 340.
 Shattuck Memorial Fellowship, 419.
 Sohler Prize, 147, 573.
 Spanish, Courses in, 86.
 Special Students, College, 189, 211, 214, 241.
 Divinity School, 388, 343, 344.
 Law School, 365, 377.
 Scientific School, 256, 264.
 Statute regarding, 31.
 Tuition Fees of, 241.
 Statutes of the University, 29.
 Strong Scholarship, 419, 571.
 Students, Advanced. *See* Resident Grads.
 Bussey Institution, 465.
 College, 151.
 Dental, 431.
 Divinity, 335.
 General Directory of, 578.
 GENERAL SUMMARY, 576.
 Graduate School, 292.
 Law, 350.
 Medical, 383.
 Scientific, 246.
 Summer Courses, 473.
 Veterinary School, 453.
 Studies. *See* Instruction.

INDEX.

- Summary, 575.
- Summer Courses, 123, 427, 472.
- Summer Prize, 149, 573.
- Surgery, 403, 409, 410, 412, 423, 438, 439, 456, 458.
- Surveying, Instruction in, 266-275.
- Suspension, 82.
- Sweetser Scholarship, 419, 571.
- Syphilis, Instruction, in 406, 412.
- Syriac, Course in, 340.
- Tabular View, College, 128.
 - Dental School, 448.
 - Divinity School, 349.
 - Law School, 378.
- Tariff Legislation in United States, Course on, 97.
- Tenures of Office, 30.
- Term Bills. *See* Expenses.
- Testimonials on Admission to College, 195.
 - to Divinity School, 344.
- Text-books, Cost of. *See* Expenses.
- Text-books in Dental School, 441.
 - in Medical School, 405.
 - in Veterinary School, 456.
- Themes, 75.
- Theology, Course
- Therapeutics, 407.
- Theses, 220, 221.
- Topography, 266.
- Toppin Prize, 14.
- Treasurer, Duties
 - Office of
- Tuition. *See* E
- Tumors, Ovarian
- Tyndall Scholars
- University Coun
- Vacations, 9, 10.
- Veterinary Estab
- VETERINARY M
- Walker Fellowsh
- Ware Memorial
- Williams Fund, 1
- Women, Disease
- Examin
- Free H
- Zoological Mus
- Zoology, Course
- for Ad.

